

**LIBRARY
BUREAU OF THE CENSUS**



Bureau of the Census
Library

00

0.3

1987

Census of Wholesale Trade

WC87-A-12

GEOGRAPHIC AREA SERIES

Hawaii



U.S. Department of Commerce
BUREAU OF THE CENSUS

BUREAU OF THE CENSUS
LIBRARY

ACKNOWLEDGMENTS

Many persons participated in the various activities of the 1987 Census of Wholesale Trade.

The overall planning and review of the census operations were performed by the staff of the Office of the Assistant Director for Economic and Agriculture Censuses.

This report was prepared in the Business Division. **Bobby E. Russell**, Assistant Division Chief for Census Programs, was responsible for the overall planning, management, and coordination of the census of wholesale trade. Planning and implementation were under the direction of **John R. Trimble**, Chief, Wholesale Census Branch, with primary staff assistance by **Dennis L. Shoemaker**, **John L. Vignal**, **Steven L. Barron**, **Jack R. Drago**, and **Benjamin T. Stephens**.

Systems and procedures for mailout, receipt, correspondence, data input, industry classification, other clerical processing, administrative record processing, and quality control, along with the associated electronic computer programs, were developed in the Economic Surveys Division, **W. Joel Richardson**, Chief.

Mailout preparation and receipt operations, clerical and analytical review activities, data keying, and geocoding review were performed by the staff of the Data Preparation Division, **Joseph S. Harris**, Chief.

Geographic coding procedures and associated computer programs were developed by the staff of the Geography Division, **Robert W. Marx**, Chief.

The computer processing systems were developed and coordinated in the Economic Programming Division, **Barry M. Cohen**, Chief. **H. Ray Dennis**, Assistant Division Chief for Business and Construction Programs, was responsible for implementation of the computer systems. The computer programs were prepared under the supervision of **William C. Wester**, Chief, Business Census Branch, assisted by **Steven G. McCraith**, **William E. Jagg**, and **Robert J. Hemmig**.

Computer processing was performed in the Computer Services Division, **Marvin D. Raines**, Chief.

Planning, design, review, and composition of report forms were performed in the Administrative Services Division, **Michael G. Garland**, Chief.

The staff of Publications Services Division, **Walter C. Odom**, Chief, performed publication planning, design, composition, editorial review, and printing planning and procurement. **Gladys Rea** provided publication coordination and editing.

Special acknowledgment is also due the many businesses whose cooperation has contributed to the publication of these data.

If you have any questions concerning the statistics in this report, call (301) 763-5281.

1987

Census of

Wholesale Trade

WC87-A-12

GEOGRAPHIC AREA SERIES

Hawaii

Issued April 1989



**U.S. Department of Commerce
Robert A. Mosbacher, Secretary**

**Robert Ortner, Under Secretary
for Economic Affairs**

BUREAU OF THE CENSUS



BUREAU OF THE CENSUS
C. L. Kincannon, Deputy Director

**Charles A. Waite, Associate Director for
Economic Programs**

**Roger H. Bugenhagen, Assistant Director for
Economic and Agriculture Censuses**

**Thomas L. Mesenbourg, Chief,
Economic Census Staff**

BUSINESS DIVISION
Howard N. Hamilton, Chief

Library of Congress Cataloging-in-Publication Data

Census of wholesale trade (1987). Geographic area series.

1987 census of wholesale trade. Geographic area series.

"WC87—A—1—WC87—A52."

"Issued March 1989—October 1989."

1. Wholesale trade--United States--Statistics.

I. United States. Bureau of the Census.

HF5421.C4 1989 381'.2'0973021 88-22143

For sale by Superintendent of Documents, U.S. Government
Printing Office, Washington, DC 20402.

INTRODUCTION

PURPOSE AND USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy. They provide essential information for government, business, industry, and the general public.

Economic censuses furnish an important part of the framework for such composite measures as the gross national product, input-output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions.

Policy-making agencies of the Federal Government use the data, especially in monitoring economic activity and providing assistance to business.

State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.

Trade associations study trends in their own and competing industries, and keep their members informed of market changes.

Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

AUTHORITY AND SCOPE

Title 13 of the United States Code (sections 131, 191, and 224) directs the Census Bureau to take the economic censuses every 5 years, covering years ending in 2 and 7. The 1987 Economic Censuses consist of the—

- Census of Retail Trade
- Census of Wholesale Trade
- Census of Service Industries
- Census of Transportation
- Census of Manufactures
- Census of Mineral Industries
- Census of Construction Industries

Special programs also cover enterprise statistics and minority-owned and women-owned businesses. (The 1987 Census of Agriculture and 1987 Census of Governments are conducted separately.) The next economic censuses are scheduled to be taken in 1993 covering the year 1992.

AVAILABILITY OF THE DATA

The results of each of the economic censuses are available in printed reports, for sale by the U.S. Government Printing Office, and on microfiche, computer tape, compact discs with read-only memory, and flexible diskettes, for sale by the Census Bureau. Order forms for all types of products are available on request from Customer Services, Census Bureau, Washington, DC 20233. A more complete description of publications being issued from this census is on the inside back cover of this document.

Census facts are also widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. Finally, State Data Centers in every State and Business and Industry Data Centers in many States also supply economic census statistics.

WHAT'S NEW IN 1987

Several changes have taken place for the 1987 censuses. Data will be reported on the basis of the newly revised Standard Industrial Classification (SIC) system with selected reports including "bridge tables," linking the old and new classification systems. A new set of metropolitan areas has been adopted, and more detailed information will be available for businesses with no paid employees. For additional information on these changes, review the subsequent text.

HISTORICAL INFORMATION

The economic censuses have been taken together as an integrated program at 5-year intervals since 1967, and before that for 1963, 1958, and 1954. Prior to that time, the individual censuses were taken separately at varying intervals.

The economic censuses trace their beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for 1840 and subsequent censuses to include mining and some commercial

activities. In 1902, Congress established a permanent Census Bureau and directed that a census of manufactures be taken every 5 years. The 1905 manufactures census was the first time a census was taken apart from the regular every-10-year population census.

The first census of business was taken in 1930, covering 1929. Initially it covered retail and wholesale trade, and construction industries, but it was broadened in 1933 to include some of the service trades.

The 1954 economic censuses were the first to be fully integrated—providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. These were the first censuses to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records have also been used to provide basic statistics as well for very small firms, reducing or eliminating the need to send them census questionnaires. The Enterprise Statistics Program, which publishes combined data from the economic censuses, was made possible with the implementation of the integrated census program in 1954.

The range of industries covered in the economic censuses has continued to expand. The Census of Construction Industries began on a regular basis in 1967, and the scope of service industries was broadened in 1967, 1977, and 1987. The Census of Transportation began in 1963 as a set of surveys covering travel, transportation of commodities, and trucks. New for 1987 are publications reporting on business establishments engaged in several transportation industries, paralleling the data on establishments in other sectors. This is part of a gradual expansion in coverage of industries previously subjected to government regulation. The Survey of Minority-Owned Business Enterprises was first conducted as a special project in 1969 and was incorporated into the economic censuses in 1972 along with the Survey of Women-Owned Businesses.

Economic censuses have also been taken in Puerto Rico since 1909, in the Virgin Islands and Guam since 1958, and in the Northern Mariana Islands since 1982.

Statistical reports from the 1982 and earlier censuses provide historical figures for the study of long-term time series, and are available in some large libraries. All of the census data published since 1967 are still available for sale on microfiche from the Census Bureau.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

While the censuses provide complete enumerations every 5 years, there are many needs for more frequent data as well. The Census Bureau conducts a number of monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* (retail and wholesale trade and service industries), the *Annual Survey of Manufactures*, *Current Industrial Reports*, and the *Quarterly Financial Report*. Most of these surveys, while providing more frequent

observations, yield less kind-of-business and geographic detail than the censuses. The *County Business Patterns* program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1987 Economic Censuses and Related Statistics*. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1987 Economic Censuses*. Contact Customer Services for information on availability.

CENSUS OF WHOLESALE TRADE

The 1987 Census of Wholesale Trade, part of the 1987 Economic Censuses, covered wholesale trade as defined in the Standard Industrial Classification (SIC) Manual.¹ It included all establishments with one or more paid employees primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional users; or to other wholesalers. Companies selling products to which they have title, as well as to those acting as agents or brokers in buying merchandise for or selling merchandise to others, are included. The census excluded governmental organizations classified in the covered industries except for wholesale liquor establishments operated by State and local governments.

The basic tabulations in this report do not include data for establishments which are "auxiliary" (primary function is providing a service, such as warehouses) to wholesale establishments with the same organization. Data for auxiliaries are presented in a subsequent report issued as part of the 1987 Enterprise Statistics reports.

Wholesale firms without employees are excluded from the census. In the census of retail trade, the sales of firms with no paid employees are derived from administrative records of other Federal agencies rather than from a direct canvass. These sources proved impractical for wholesale firms without paid employees. In the census of wholesale trade, the sales value is the gross volume of business conducted. Firms which operate wholly or partly on a commission basis must provide both the gross volume of business conducted and commission receipts on census forms. Agents and brokers do not report to other Federal agencies the gross selling value of goods. Moreover, administrative records make no distinction between commission receipts and sales by wholesalers.

Appendix A gives a more detailed explanation of census coverage and methodology.

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

CENSUS DISCLOSURE RULES

In accordance with Federal law governing census reports, no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure, so this information may be released even though other information is withheld.

GEOGRAPHIC AREAS COVERED

This report series presents data for the following areas:

1. The United States as a whole.
2. Each State and the District of Columbia.
3. Each consolidated metropolitan statistical area (CMSA) and primary metropolitan statistical area (PMSA) defined by the Office of Management and Budget as of June 30, 1987. A CMSA is an area used to facilitate the presentation and analysis of data for large concentrations of metropolitan populations. It includes two or more contiguous PMSA's which have a population of at least 1,000,000² and which meet specific criteria of urban character and of social and economic integration.
4. Each metropolitan statistical area (MSA) defined by the Office of Management and Budget as of June 30, 1987. An MSA is an integrated economic and social unit with a population nucleus of at least 50,000 inhabitants.² Each MSA consists of one or more counties meeting standards of metropolitan character; in New England, cities and towns rather than counties are the component geographic units.
5. The area within the State outside metropolitan statistical areas.
6. Each county or county equivalent.^{3 4}
7. Each municipality of 2,500 inhabitants or more incorporated as a city, borough, village, or town.^{2 3} For the economic censuses, census areas and boroughs in Alaska, boroughs in New York, and towns in New York and Wisconsin are not included in this category.
8. Special economic urban areas (SEUA's), which include townships in New Jersey and Pennsylvania and towns in New England with 10,000 inhabitants or more.²

²According to 1980 Census of Population or subsequent special census.

³Those defined as of January 1, 1987.

⁴See appendix F for Alaska, Louisiana, Maryland, Missouri, Montana, Nevada, Virginia, and District of Columbia county equivalents.

DOLLAR VALUES

All dollar values presented in this report are expressed in current dollars, i.e., 1987 data are expressed in 1987 dollars and 1982 data in 1982 dollars. Consequently, when making comparisons to prior years, users of the data should consider the inflation that has occurred.

RELIABILITY OF DATA

All data compiled in this report originated from either census questionnaires or administrative records of other Federal agencies and, therefore, are not subject to sampling errors. However, the data are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Bureau of the Census obtains on computer tape limited information extracted from administrative records of other Federal agencies. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication. For an indication of the extent that data included in these reports were obtained from the administrative records of other Federal agencies and from estimation, rather than reports directly from respondents, see appendix E. Also, see appendix A for a more detailed explanation of census coverage and methodology.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1987 Census of Wholesale Trade may be obtained, depending on availability of time and personnel, on diskette, computer tape, or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief, Business Division, Bureau of the Census, Washington, DC 20233.

To discuss a special tabulation before submitting specifications, call 301-763-5282.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in the publication:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual companies; data are included in broader kind-of-business totals.

(IC)	Independent city.
(NA)	Not available.
(NC)	Not comparable.
(X)	Not applicable.
CMSA	Consolidated Metropolitan Statistical Area.
MSA	Metropolitan Statistical Area.
n.e.c.	Not elsewhere classified.
PMSA	Primary Metropolitan Statistical Area.
pt.	Part.
r	Revised.
SIC	Standard Industrial Classification.

Users' Guide for Locating Statistics in This Report by Table Number

Information shown in tables	Table										
	1	2	3	4	5	6	7	8	9	10	11
GEOGRAPHIC AREAS											
The State	X	X	X	X						X	X
CMSA's and MSA's in the State								X	X		
PMSA's in the State									X		
Area of the State not in any CMSA, PMSA, or MSA					X						
Counties in the State						X ¹	X				
Places in the State									X	2X	X
DATA ITEMS³											
Establishments.....	X			4X	4X	5X	5X	5X	5X	5X	
Sales	X			4X	4X	5X	5X	5X	5X	5X	X
Annual Payroll	X			4X	4X	6X	6X	6X	6X	6X	X
First quarter payroll.....	X				4X						
Paid employees for pay period including March 12, 1987	X				4X	6X	6X	6X	6X	6X	
Inventories	X					4X					
Operating expenses	X					4X					
1982 to 1987 comparative statistics (sales, payroll)											
Sales per establishment.....			X								
Sales per employee			X								
Annual payroll per employee.....			X								
Annual payroll as a percent of operating expenses.....			X								
Employees per establishment.....			X								
Operating expenses as a percent of sales			X								
End-of-year inventories as a percent of sales.....			X								
Counties ranked by volume of sales.....											
Places ranked by volume of sales.....										2X	X

¹Includes areas with 200 wholesale establishments or more.

²Includes places with 2,500 inhabitants or more, according to the 1980 Census of Population.

³See Explanation of Terms, appendix A.

⁴Based on 1972 Standard Industrial Classification.

⁵Manufacturers' sales branches and offices, and agents, brokers, and commission merchants are combined and displayed as "other types of operation."

⁶Presented for total and merchant wholesalers only.

Users' Guide for Locating Statistics in the 1987 Census of Wholesale Trade Reports

Report and geographic area	Information shown in reports by kind of business or industry category										
	Number of establishments	Sales (\$1,000)	Payroll (\$1,000)	Number of employees	Inventories (\$1,000)	Operating expenses (\$1,000)	Commodity line sales (\$1,000)	Sales size and employment size ¹	Legal form of organization	Petroleum bulk stations and terminals	Selected topics
GEOGRAPHIC AREA SERIES											
United States	X	X	X	X	X	X					
State.....	X	X	X	X	X	X					
CMSA, PMSA, MSA	X	X	X	X							
County.....	X	X	X	X							
Place	X	X	X	X							
ESTABLISHMENT AND FIRM SIZE (INCLUDING LEGAL FORM OF ORGANIZATION)											
United States	X	X	² X	² X	² X	² X		X	X		
MEASURES OF VALUE PRODUCED, CAPITAL EXPENDITURES, DEPRECIABLE ASSETS, AND OPERATING EXPENSES											
United States ²		X	X		X	X			X		³ X
COMMODITY LINE SALES											
United States	X	X						X			
State ⁴	X	X						X			
CMSA ⁴	X	X						X			
MISCELLANEOUS SUBJECTS											
United States	X	X	X	X	X	X				X	⁵ X
State.....										X	
County										X	

¹Establishments and firms.

²Merchandise wholesalers only.

³Value produced, capital expenditures, depreciable assets, and selected operating expenses detail.

⁴Available on microfiche only.

⁵Class of customer, employment by principal activity, detailed type of operation, inventory detail, and commissions of agents and brokers.

CONTENTS

Hawaii

[Page numbers listed here omit the prefix that appears as part of the number of each page]

	Page
Introduction -----	III
Users' Guide for Locating Statistics in This Report by Table Number -----	VII
Users' Guide for Locating Statistics in the 1987 Census of Wholesale Trade Reports -----	VIII
Summary of Findings -----	2

FIGURES

1. State Map -----	3
2. Percent Change in Sales and Annual Payroll: 1982 to 1987 -----	4
3. Wholesale Sales by Industry Group: 1987 -----	5

TABLES

1. Summary Statistics for the State: 1987 -----	7
2. Selected Ratios for the State: 1987 -----	11
3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982 -----	14
4. Summary Statistics Based on 1972 Standard Industrial Classification for Industries Having a Classification Change Between 1972 and 1987 for the State: 1987 -----	19
5. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1987 -----	20
6. Summary Statistics for Places With 200 Establishments or More: 1987 -----	21
7. Summary Statistics for Counties With 200 Establishments or More: 1987 -----	23
8. Summary Statistics for Metropolitan Statistical Areas: 1987 -----	23
9. Summary Statistics for the Area Outside Metropolitan Statistical Areas: 1987 -----	25
10. Places With 2,500 Inhabitants or More Ranked by Volume of Sales: 1987 -----	25
11. Counties Ranked by Volume of Sales: 1987 -----	26

APPENDIXES

A. General Explanation -----	A-1
B. General Questions -----	B-1
C. Kind-of-Business Titles and Reporting-Form Numbers -----	C-1
D. Metropolitan Statistical Areas -----	D-1
E. Percent of Sales Data Based on Administrative Records and Estimation for the State: 1987 -----	E-1
F. Geographic Notes -----	F-1
G. Establishments in Business Any Time During Year and Establishments in Business at End of Year Based on 1972 Standard Industrial Classifications for the State: 1987 and 1982 -----	G-1
H. Changes in Wholesale Trade Kind-of-Business Classifications for 1987 -----	H-1

Publication Program -----	Inside back cover
---------------------------	-------------------

SUMMARY OF FINDINGS

Data from the 1987 Census of Wholesale Trade show that based on definitions used in 1982 Hawaii's 1,989 wholesale establishments had sales totaling \$5.4 billion. In 1982, 1,810 wholesalers had sales of \$4.1 billion.

Merchant wholesalers lead the three major type of operation categories in 1987 with 1,709 establishments and sales of \$3.8 billion; followed by manufacturers' sales branches and offices, with 130 establishments and sales of \$1.1 billion; and agents and brokers, with 150 establishments and sales of \$540 million.

Annual payroll of all wholesalers in the State amounted to \$414 million, compared to \$288 million for 1982. In 1987, merchant wholesalers accounted for \$338 million, followed by manufacturers' sales branches and offices with \$63.8 million and agents and brokers with \$12.8 million.

Paid employees engaged in wholesale trade in the State totaled 20,102 as of mid-March 1987 compared to 17,210 in 1982. Merchant wholesalers were the largest employers in 1987, with 17,572 employees; followed by manufacturers' sales branches and offices, with 1,856 employees; and agents and brokers, with 674 employees.

Payroll per employee averaged \$20.6 thousand for all wholesalers; \$19.2 thousand for merchant wholesalers; \$34.4 thousand for manufacturers' sales branches and offices; and \$19.0 thousand for agents and brokers.

Operating expenses as a percent of sales for all wholesalers in the State increased from 15.2 percent in 1982 to

16.5 percent in 1987. The percentage for merchant wholesalers was up from 19.4 percent to 19.6 percent for the same period, while manufacturers' sales branches and offices were up from 9.3 percent to 11.3 percent, and agents and brokers were down from 5.9 percent to 4.9 percent.

Sales by grocery specialty wholesalers in 1987 accounted for 7.1 percent of the State's total sales by all wholesalers, compared to 9.3 percent in 1982. Other leading wholesale kinds-of-business in 1987 were petroleum bulk stations and terminals, with 6.6 percent; automobiles and other motor vehicles wholesalers with 4.8 percent; and meats and meat products wholesalers with 4.4 percent.

Sales per establishment for all wholesalers in 1987 averaged \$2.7 million per establishment, up from \$2.4 million in 1982. Automobiles and other motor vehicles wholesalers averaged the highest of \$23.5 million per establishment, followed by petroleum bulk stations and terminals, \$11.9 million; beer and ale wholesalers, \$9.6 million; meats and meat products wholesalers, \$6.9 million; and packaged frozen foods wholesalers, \$6.3 million.

Sales per employee for all wholesalers in the State averaged \$266 thousand in 1987. There was a wide variance by kind of business ranging from a high of \$1.4 million for petroleum bulk stations and terminals to a low of \$54.1 thousand for used motor vehicle parts wholesalers.

Honolulu County led all counties in the State, accounting for 83.9 percent of total sales by wholesalers. Honolulu had the largest sales among all places in the State, accounting for 71.2 percent.

HAWAII - Metropolitan Statistical Area, Counties, and Selected Places

Figure 1. State Map

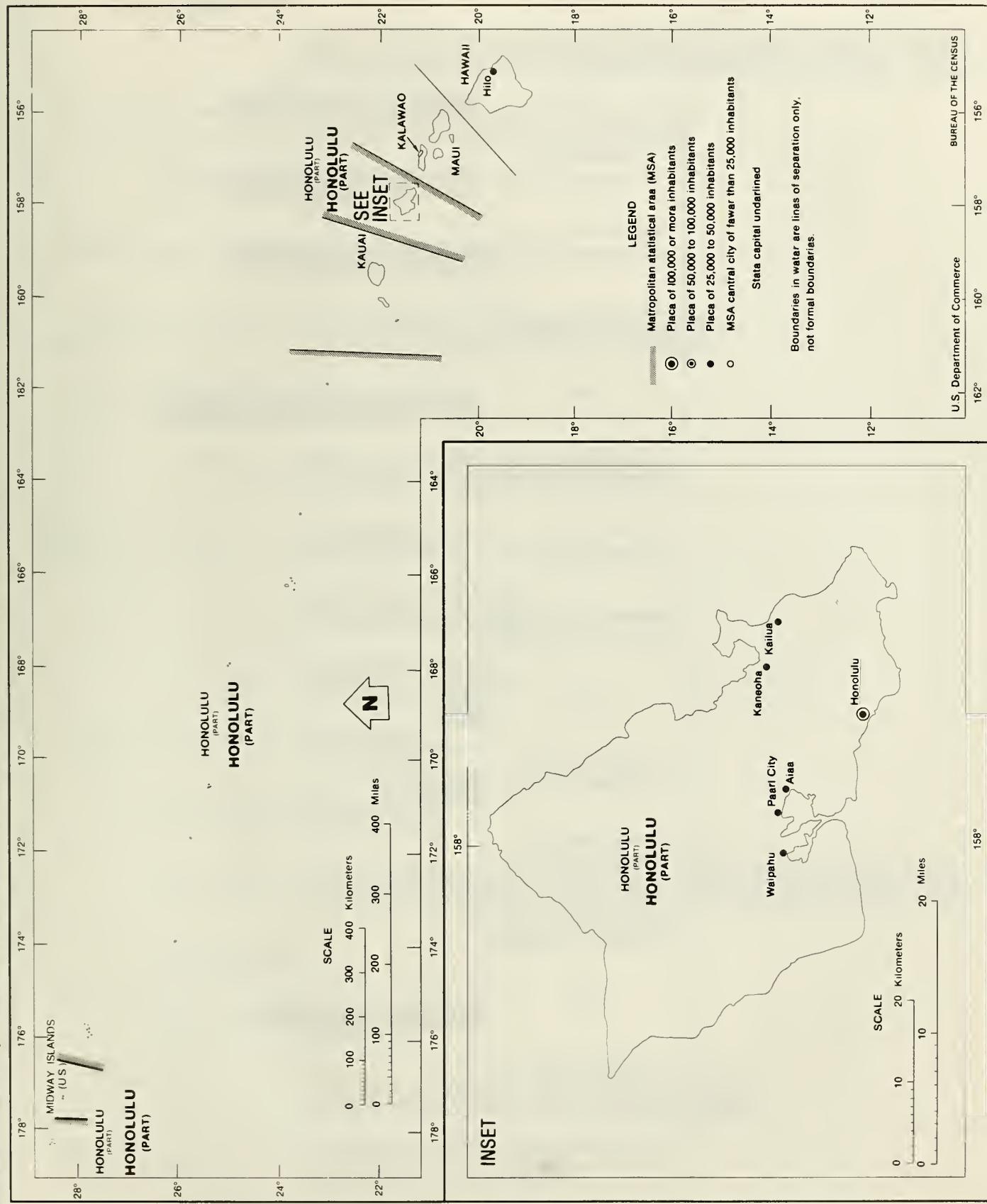
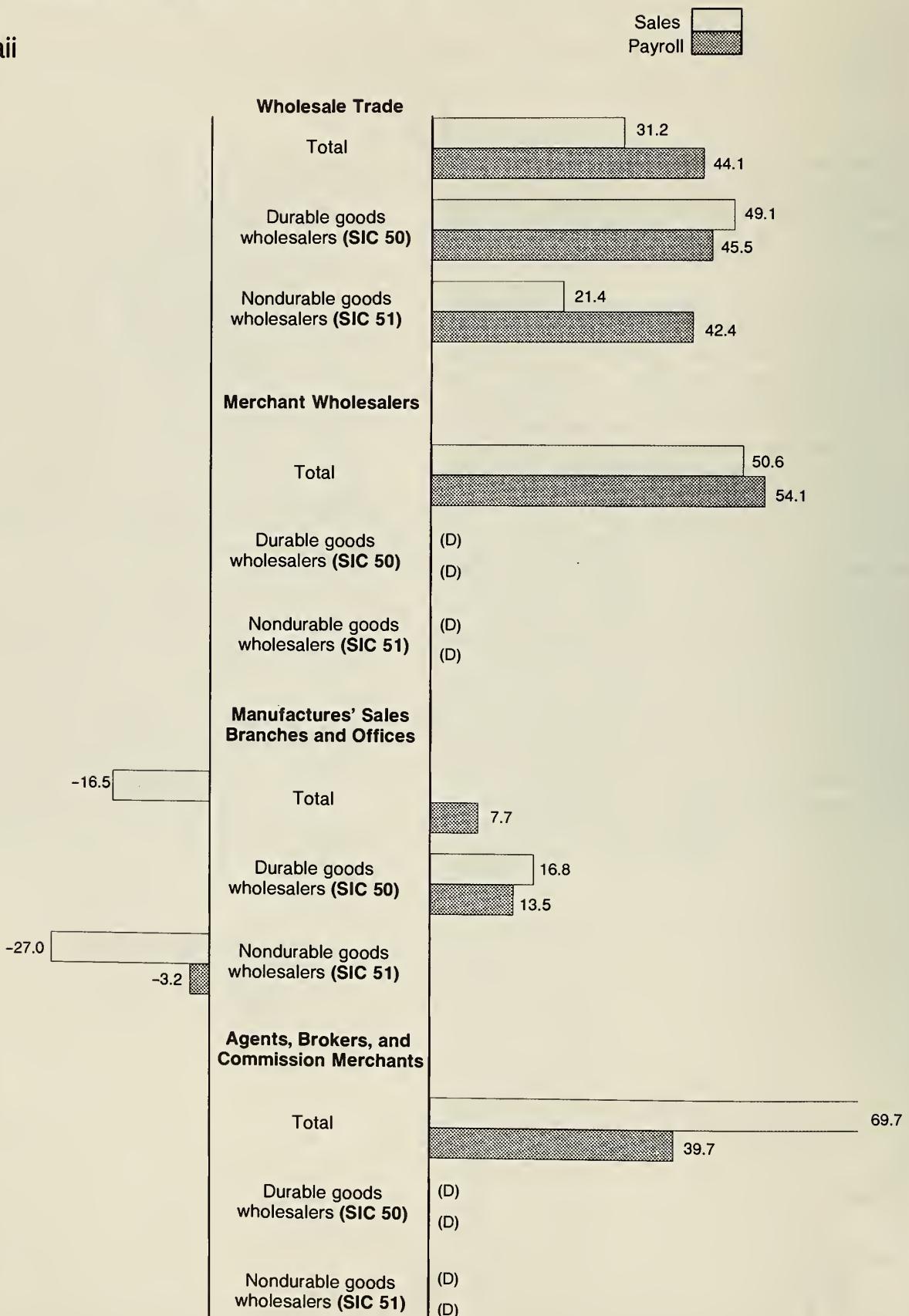


Figure 2. Percent Change in Sales and Annual Payroll: 1982 to 1987

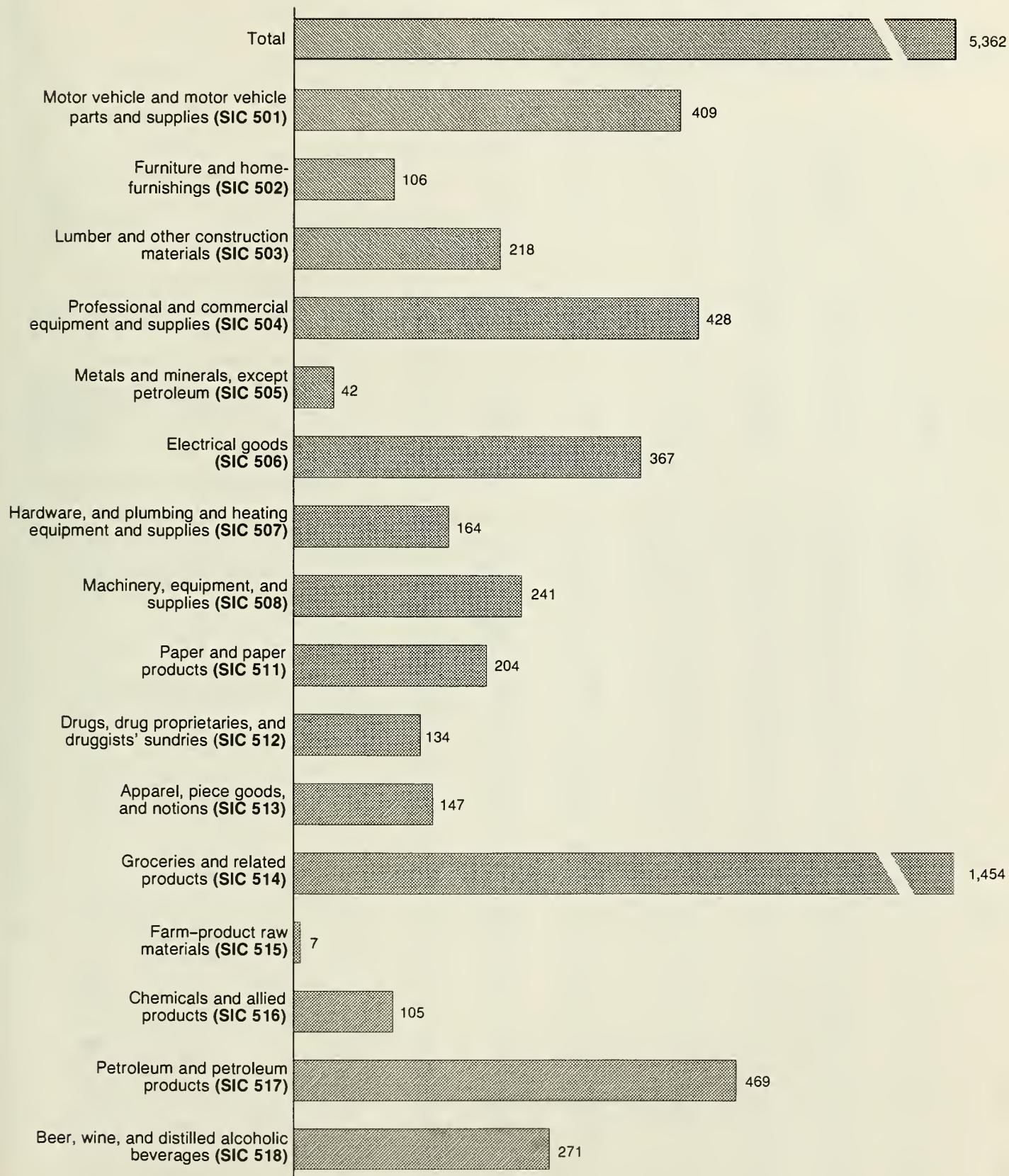
Hawaii



Note: Data are based on 1972 Standard Industrial Classification.
For meaning of abbreviations and symbols, see introductory text.

Figure 3. Wholesale Sales by Industry Group: 1987
 (Million dollars)

Hawaii



Note: For meaning of abbreviations and symbols, see introductory text.

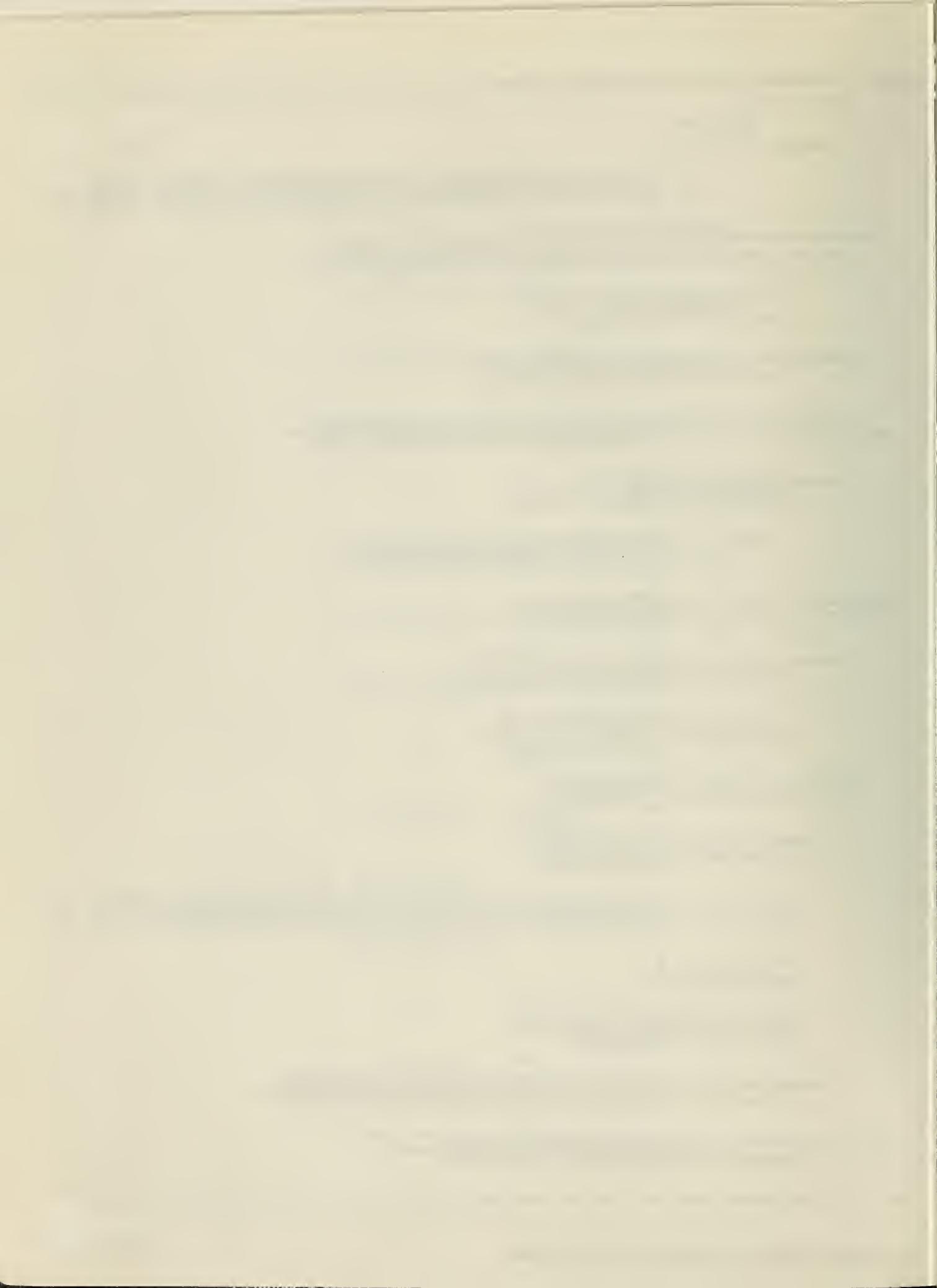


Table 1. Summary Statistics for the State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A.]

1987 SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
	Wholesale trade -----	1 998	5 362 490	415 114	100 963	20 157	883 223	472 167	519 212
TYPES OF OPERATION									
	Merchant wholesalers -----	1 718	3 762 672	338 447	81 649	17 627	737 541	415 948	460 766
	Wholesale distributors and jobbers -----	1 514	3 330 120	300 134	72 343	15 475	639 403	364 650	408 258
	Importers -----	174	368 958	33 024	8 055	1 759	85 063	48 180	49 746
	Exporters -----	13	32 129	2 245	542	145	6 543	1 747	1 631
	Terminal grain elevators -----	-	-	-	-	-	-	-	-
	Country grain elevators -----	-	-	-	-	-	-	-	-
	Assemblers of farm products, except country grain elevators -----	17	31 465	3 044	709	248	6 532	1 371	1 131
	Manufacturers' sales branches and sales offices -----	130	1 060 066	63 836	16 378	1 856	119 355	54 746	56 777
	Sales branches (with stock) -----	89	763 337	51 552	13 221	1 516	97 281	54 746	56 777
	Sales offices (without stock) -----	41	296 729	12 284	3 157	340	22 074	-	-
	Agents, brokers, and commission merchants -----	150	539 752	12 831	2 936	674	26 327	1 473	1 669
	Auction companies -----	-	-	-	-	-	-	-	-
	Brokers -----	41	255 308	5 140	1 182	241	10 383	638	847
	Commission merchants -----	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Import agents -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Export agents -----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Manufacturers' agents -----	76	135 006	5 175	1 179	256	10 004	605	595
TYPES OF OPERATION BY KIND OF BUSINESS									
	Wholesale trade -----	1 998	5 362 490	415 114	100 963	20 157	883 223	472 167	519 212
50	Durable goods -----	1 038	2 201 979	234 752	57 677	10 226	481 158	270 408	302 736
501	Motor vehicles and motor vehicle parts and supplies -----	121	409 040	27 288	6 819	1 481	65 883	50 451	52 162
5012	Automobiles and other motor vehicles -----	11	258 467	6 541	1 862	297	24 302	19 790	20 621
5013	Motor vehicle supplies and new parts -----	86	118 760	16 749	3 909	969	33 636	27 390	28 157
5014	Tires and tubes -----	12	28 456	3 300	877	153	6 444	2 761	2 907
5015	Motor vehicle parts, used -----	12	3 357	698	171	62	1 501	510	477
502	Furniture and homefurnishings -----	69	105 823	11 887	3 051	570	25 971	15 451	15 682
5021	Furniture -----	25	39 818	5 839	1 344	275	11 979	4 508	5 090
5023	Homefurnishings -----	44	66 005	6 048	1 707	295	13 992	10 943	10 592
503	Lumber and other construction materials -----	82	217 920	22 683	5 571	867	46 648	24 830	31 267
5031	Lumber, plywood, millwork, and wood panels -----	39	140 681	14 975	3 842	605	28 956	17 823	23 183
5032	Brick, stone, and related construction materials -----	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5033	Roofing, siding, and insulation materials -----	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c. -----	22	35 056	3 678	820	147	8 440	2 920	3 070
504	Professional and commercial equipment and supplies -----	193	427 975	67 721	16 775	2 602	121 869	36 766	39 309
5043	Photographic equipment and supplies -----	11	53 649	3 713	947	168	7 505	4 349	4 800
5044	Office equipment -----	52	77 996	19 039	4 628	759	30 683	9 490	10 302
5045	Computers and computer peripheral equipment and software -----	48	189 514	31 264	7 965	930	55 931	9 927	11 516
5046	Commercial equipment, n.e.c. -----	34	39 434	5 224	1 229	293	10 782	5 623	5 677
5047	Medical, dental, and hospital equipment and supplies -----	34	52 344	5 871	1 430	271	12 238	4 995	4 580
5048	Ophthalmic goods -----	8	7 055	1 668	397	129	3 136	568	603
5049	Professional equipment and supplies, n.e.c. -----	6	7 983	942	179	52	1 594	1 814	1 831
505	Metals and minerals, except petroleum -----	18	41 947	3 727	841	166	8 702	4 818	5 500
5051	Metals service centers and offices -----	18	41 947	3 727	841	166	8 702	4 818	5 500
5052	Coal and other minerals and ores -----	-	-	-	-	-	-	-	-
506	Electrical goods -----	116	367 006	31 170	7 974	1 177	65 392	39 550	43 849
5063	Electrical apparatus and equipment, wiring supplies, and construction materials -----	50	165 899	12 254	3 236	442	24 162	15 652	17 482
5064	Electrical appliances, television and radio sets -----	33	134 029	11 134	2 839	461	27 550	18 474	20 677
5065	Electronic parts and equipment, n.e.c. -----	33	67 078	7 782	1 899	274	13 680	5 424	5 690
507	Hardware, and plumbing and heating equipment and supplies -----	93	164 382	16 686	3 866	701	32 998	21 192	24 117
5072	Hardware -----	39	57 953	7 104	1 593	291	14 506	8 039	9 787
5074	Plumbing and heating equipment and supplies (hydronics) -----	33	74 158	6 434	1 436	291	12 754	10 500	11 511
5075	Warm air heating and air-conditioning equipment and supplies -----	8	21 693	1 512	458	54	2 842	1 372	1 491
5078	Refrigeration equipment and supplies -----	13	10 578	1 636	379	65	2 896	1 281	1 328
508	Machinery, equipment, and supplies -----	144	241 390	31 894	7 607	1 367	66 278	38 529	49 798
5082	Construction and mining (except petroleum) machinery and equipment -----	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment -----	13	22 730	1 923	416	97	4 544	2 790	2 723
5084	Industrial machinery and equipment -----	50	72 721	10 011	2 485	429	22 331	8 859	12 142
5085	Industrial supplies -----	45	60 130	8 332	1 908	345	16 639	8 031	8 857
5087	Service establishment equipment and supplies -----	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles -----	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods -----	202	226 496	21 696	5 173	1 295	47 417	38 821	41 052
5091	Sporting and recreational goods and supplies -----	31	45 707	4 105	1 002	200	9 951	5 990	6 062
5092	Toys and hobby goods and supplies -----	15	11 073	1 070	255	69	2 465	1 165	1 483
5093	Scrap and waste materials -----	21	15 484	1 817	480	126	4 566	1 670	1 366
5094	Jewelry, watches, precious stones, and precious metals -----	86	81 624	6 669	1 573	455	16 136	14 513	16 245
5099	Durable goods, n.e.c. -----	49	72 608	8 035	1 863	445	14 299	15 483	15 896

Table 1. Summary Statistics for the State: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1987 SIC code	Type of operation and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Wholesale trade—Con.									
51	Nondurable goods	960	3 160 511	180 362	43 286	9 931	402 065	201 759	216 476
511	Paper and paper products	69	203 601	16 470	3 938	848	30 999	13 445	14 932
5111	Printing and writing paper	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5112	Stationery and office supplies	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	29	110 375	6 657	1 513	366	13 806	6 857	8 011
512	Drugs, drug proprietaries, and druggists' sundries	40	133 740	7 687	1 925	462	18 796	19 526	21 978
5122	Drugs, drug proprietaries, and druggists' sundries	40	133 740	7 687	1 925	462	18 796	19 526	21 978
513	Apparel, piece goods, and notions	108	146 805	12 999	3 249	747	28 119	15 361	16 657
5131	Piece goods, notions, and other dry goods	29	46 762	4 865	1 075	235	10 512	6 573	6 700
5136	Men's and boys' clothing and furnishings	28	29 989	2 960	1 003	171	6 412	2 556	3 707
5137	Women's, children's and infants' clothing and accessories	40	62 112	4 310	947	267	9 490	4 698	4 886
5139	Footwear	11	7 942	864	224	74	1 705	1 534	1 364
514	Groceries and related products	388	1 453 873	77 703	18 148	4 677	175 574	73 358	74 168
5141	Groceries, general line	47	177 416	8 227	1 961	490	18 771	13 907	14 300
5142	Packaged frozen foods	36	226 781	10 411	2 288	539	24 138	14 358	14 985
5143	Dairy products, except dried or canned	25	44 179	2 237	536	138	5 235	1 230	1 270
5144	Poultry and poultry products	11	41 263	1 382	343	136	3 467	815	1 168
5145	Confectionery	25	59 664	5 529	1 117	338	10 289	6 793	7 323
5146	Fish and seafoods	45	103 887	6 807	1 577	472	15 721	4 735	4 488
5147	Meats and meat products	34	234 852	11 758	2 844	573	28 643	13 210	12 672
5148	Fresh fruits and vegetables	58	184 750	13 046	2 879	897	27 680	3 513	3 420
5149	Groceries and related products, n.e.c.	107	381 081	19 306	4 603	1 094	41 630	14 797	14 542
515	Farm-product raw materials	10	7 477	327	68	32	572	298	370
5153	Grain and field beans	4	3 738	126	20	6	219	28	135
5154	Livestock	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	39	105 375	9 792	2 427	398	19 456	8 066	9 409
5162	Plastics materials and basic forms and shapes	12	35 766	5 065	1 252	191	9 619	4 589	5 993
5169	Chemicals and allied products, n.e.c.	27	69 609	4 727	1 175	207	9 837	3 477	3 416
517	Petroleum and petroleum products	50	468 694	11 202	2 565	380	31 090	21 660	22 848
5171	Petroleum bulk stations and terminals	30	356 225	7 630	1 907	259	20 157	19 260	20 452
5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	20	112 469	3 572	658	121	10 933	2 400	2 396
518	Beer, wine, and distilled alcoholic beverages	41	270 773	19 022	4 895	751	41 200	23 289	26 539
5181	Beer and ale	18	172 069	11 455	2 671	465	26 404	8 911	10 024
5182	Wine and distilled alcoholic beverages	23	98 704	7 567	2 224	286	14 796	14 378	16 515
519	Miscellaneous nondurable goods	215	370 173	25 160	6 071	1 636	56 259	26 756	29 575
5191	Farm supplies	47	94 152	4 936	1 270	299	11 532	10 662	11 954
5192	Books, periodicals, and newspapers	15	30 268	3 138	775	160	6 132	1 995	1 940
5193	Flowers, nursery stock, and florists' supplies	30	19 872	3 779	922	347	7 636	2 187	2 214
5194	Tobacco and tobacco products	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	103	170 870	9 499	2 138	604	22 545	9 167	10 438
50	Merchant wholesalers	1 718	3 762 672	338 447	81 649	17 627	737 541	415 948	460 766
50	Durable goods	920	1 759 942	187 147	45 502	8 899	398 218	244 486	276 379
501	Motor vehicles and motor vehicle parts and supplies	117	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5012	Automobiles and other motor vehicles	11	258 467	6 541	1 862	297	24 302	19 790	20 621
5013	Motor vehicle supplies and new parts	85	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5015	Motor vehicle parts, used	12	3 357	698	171	62	1 501	510	477
502	Furniture and homefurnishings	62	80 010	10 398	2 627	511	23 030	11 048	11 626
5021	Furniture	25	39 818	5 839	1 344	275	11 979	4 508	5 090
5023	Homefurnishings	37	40 192	4 559	1 283	236	11 051	6 540	6 536
503	Lumber and other construction materials	75	204 646	21 760	5 346	825	44 649	24 146	30 555
5031	Lumber, plywood, millwork, and wood panels	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5032	Brick, stone, and related construction materials	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5033	Roofing, siding, and insulation materials	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Professional and commercial equipment and supplies	157	221 603	37 313	9 065	1 854	72 492	25 494	28 040
5043	Photographic equipment and supplies	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5044	Office equipment	43	42 681	10 354	2 558	543	18 522	6 213	7 796
5045	Computers and computer peripheral equipment and software	34	73 809	11 874	2 916	478	23 404	5 031	6 145
5046	Commercial equipment, n.e.c.	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5047	Medical, dental, and hospital equipment and supplies	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5048	Ophthalmic goods	8	7 055	1 668	397	129	3 136	568	603
5049	Professional equipment and supplies, n.e.c.	6	7 983	942	179	52	1 594	1 814	1 831
505	Metals and minerals, except petroleum	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5051	Metals service centers and offices	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-
506	Electrical goods	90	260 493	23 082	5 932	932	49 884	33 757	37 085
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	31	104 644	9 853	2 613	353	18 948	14 926	16 536
5064	Electrical appliances, television and radio sets	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5065	Electronic parts and equipment, n.e.c.	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 1. Summary Statistics for the State: 1987—Con.

(For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A)

1987 SIC code	Type of operation and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Merchant wholesalers —Con.									
Durable goods —Con.									
50	Hardware, and plumbing and heating equipment and supplies	78	137 542	14 990	3 402	649	29 699	20 365	23 206
507	Hardware	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5072	Plumbing and heating equipment and supplies (hydronics)	27	65 200	6 100	1 355	272	12 150	10 461	11 465
5074	Warm air heating and air-conditioning equipment and supplies	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5075	Refrigeration equipment and supplies	13	10 578	1 636	379	65	2 896	1 281	1 328
508	Machinery, equipment, and supplies	135	214 832	29 239	6 946	1 281	61 343	36 714	48 094
5082	Construction and mining (except petroleum) machinery and equipment	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5084	Industrial machinery and equipment	46	67 180	9 138	2 268	394	20 902	8 649	12 063
5085	Industrial supplies	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5087	Service establishment equipment and supplies	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	190	213 841	21 277	5 072	1 270	46 404	38 743	40 996
5091	Sporting and recreational goods and supplies	28	41 728	3 983	973	196	9 615	5 990	6 062
5092	Toys and hobby goods and supplies	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, precious stones, and precious metals	84	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	45	69 103	7 877	1 834	435	13 984	15 445	15 865
51	Nondurable goods	798	2 002 730	151 300	36 147	8 728	339 323	171 462	184 387
511	Paper and paper products	55	134 029	12 648	3 033	730	25 745	13 354	14 887
5111	Printing and writing paper	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5112	Stationery and office supplies	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	24	63 640	6 090	1 397	345	12 806	6 857	8 011
512	Drugs, drug proprietaries, and druggists' sundries	33	113 271	6 332	1 606	367	15 052	18 696	20 751
5122	Drugs, drug proprietaries, and druggists' sundries	33	113 271	6 332	1 606	367	15 052	18 696	20 751
513	Apparel, piece goods, and notions	95	134 654	12 428	3 115	716	26 613	15 175	16 227
5131	Piece goods, notions, and other dry goods	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	32	55 767	4 063	877	247	8 479	4 520	4 465
5139	Footwear	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	319	937 957	64 651	14 982	4 096	148 109	69 516	70 702
5141	Groceries, general line	41	129 369	7 015	1 675	431	16 353	13 906	14 298
5142	Packaged frozen foods	29	169 718	9 495	2 057	502	22 179	13 827	14 283
5143	Dairy products, except dried or canned	17	14 779	1 313	310	99	2 884	1 009	1 019
5144	Poultry and poultry products	7	14 480	991	247	108	2 831	735	1 100
5145	Confectionery	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5146	Fish and seafoods	41	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	26	170 824	9 649	2 316	472	22 754	11 102	10 934
5148	Fresh fruits and vegetables	52	153 269	11 945	2 635	832	25 653	3 438	3 369
5149	Groceries and related products, n.e.c.	85	158 409	13 615	3 350	919	32 163	14 047	14 027
515	Farm-product raw materials	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain and field beans	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5162	Plastics materials and basic forms and shapes	12	35 766	5 065	1 252	191	9 619	4 589	5 993
5169	Chemicals and allied products, n.e.c.	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	26	127 922	6 425	1 350	235	19 093	3 621	4 209
5171	Petroleum bulk stations and terminals	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine, and distilled alcoholic beverages	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	18	172 069	11 455	2 671	465	26 404	8 911	10 024
5182	Wine and distilled alcoholic beverages	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	195	237 207	22 597	5 404	1 515	50 147	21 344	23 110
5191	Farm supplies	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5192	Books, periodicals, and newspapers	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5193	Flowers, nursery stock, and florists' supplies	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Manufacturers' sales branches and sales offices									
50	Durable goods	130	1 060 066	63 836	16 378	1 856	119 355	54 746	56 777
501	Motor vehicles and motor vehicle parts and supplies	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and homefurnishings	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Professional and commercial equipment and supplies	25	199 716	30 013	7 625	733	48 618	11 262	11 257
505	Metals and minerals, except petroleum	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 1. Summary Statistics for the State: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1987 SIC code	Type of operation and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS									
—Con.									
Manufacturers' sales branches and sales offices—Con.									
50	Durable goods — Con.								
506	Electrical goods	8	70 102	6 766	1 703	182	12 709	5 686	6 648
507	Hardware, and plumbing and heating equipment and supplies	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	77	704 322	19 947	5 118	716	44 207	29 534	31 118
511	Paper and paper products	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries, and druggists' sundries	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	24	221 894	6 432	1 691	252	14 547	3 116	2 525
515	Farm-product raw materials	-	-	-	-	-	-	-	-
516	Chemicals and allied products	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine, and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Agents, brokers, and commission merchants									
50	Durable goods	150	539 752	12 831	2 936	674	26 327	1 473	1 669
501	Motor vehicles and motor vehicle parts and supplies	-	-	-	-	-	-	-	-
502	Furniture and homefurnishings	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Professional and commercial equipment and supplies	11	6 656	395	85	15	759	10	12
505	Metals and minerals, except petroleum	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	18	36 411	1 322	339	63	2 799	107	116
507	Hardware, and plumbing and heating equipment and supplies	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	85	453 459	9 115	2 021	487	18 535	763	971
511	Paper and paper products	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries, and druggists' sundries	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	45	294 022	6 620	1 475	329	12 918	726	941
515	Farm-product raw materials	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517	Petroleum and petroleum products	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine, and distilled alcoholic beverages	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 2. Selected Ratios for the State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1987 SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per estab- lishment ¹ (number)	Operating expenses as percent of sales	End-of-1987 inventories as percent of sales
		Per estab- lishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Wholesale trade	2 683 929	266 036	20 594	47.0	10	16.5	9.7
50	Durable goods	2 121 367	215 331	22 956	48.8	10	21.9	13.7
501	Motor vehicles and motor vehicle parts and supplies	3 380 496	276 192	18 425	41.4	12	16.1	12.8
5012	Automobiles and other motor vehicles	23 497 000	870 259	22 024	26.9	27	9.4	8.0
5013	Motor vehicle supplies and new parts	1 380 930	122 559	17 285	49.8	11	28.3	23.7
5014	Tires and tubes	2 371 333	185 987	21 569	51.2	13	22.6	10.2
5015	Motor vehicle parts, used	279 750	54 145	11 258	46.5	5	44.7	14.2
502	Furniture and homefurnishings	1 533 667	185 654	20 854	45.8	8	24.5	14.8
5021	Furniture	1 592 720	144 793	21 233	48.7	11	30.1	12.8
5023	Homefurnishings	1 500 114	223 746	20 502	43.2	7	21.2	16.0
503	Lumber and other construction materials	2 657 561	251 349	26 163	48.6	11	21.4	14.3
5031	Lumber, plywood, millwork, and wood panels	3 607 205	232 531	24 752	51.7	16	20.6	16.5
5032	Brick, stone, and related construction materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5033	Roofing, siding, and insulation materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	1 593 455	238 476	25 020	43.6	7	24.1	8.8
504	Professional and commercial equipment and supplies	2 217 487	164 479	26 027	55.6	13	28.5	9.2
5043	Photographic equipment and supplies	4 877 182	319 339	22 101	49.5	15	14.0	8.9
5044	Office equipment	1 499 923	102 762	25 084	62.1	15	39.3	13.2
5045	Computers and computer peripheral equipment and software	3 948 208	203 778	33 617	55.9	19	29.5	6.1
5046	Commercial equipment, n.e.c.	1 159 824	134 587	17 829	48.5	9	27.3	14.4
5047	Medical, dental, and hospital equipment and supplies	1 539 529	193 151	21 664	48.0	8	23.4	8.7
5048	Ophthalmic goods	881 875	54 690	12 930	53.2	16	44.5	8.5
5049	Professional equipment and supplies, n.e.c.	1 330 500	153 519	18 115	59.1	9	20.0	22.9
505	Metals and minerals, except petroleum	2 330 389	252 693	22 452	42.8	9	20.7	13.1
5051	Metals service centers and offices	2 330 389	252 693	22 452	42.8	9	20.7	13.1
5052	Coal and other minerals and ores	-	-	-	-	-	-	-
506	Electrical goods	3 163 845	311 815	26 483	47.7	10	17.8	11.9
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	3 317 980	375 337	27 724	50.7	9	14.6	10.5
5064	Electrical appliances, television and radio sets	4 061 485	290 735	24 152	40.4	14	20.6	15.4
5065	Electronic parts and equipment, n.e.c.	2 032 667	244 810	28 401	56.9	8	20.4	8.5
507	Hardware, and plumbing and heating equipment and supplies	1 767 548	234 496	23 803	50.6	8	20.1	14.7
5072	Hardware	1 485 974	199 151	24 412	49.0	7	25.0	16.9
5074	Plumbing and heating equipment and supplies (hydronics)	2 247 212	254 838	22 110	50.4	9	17.2	15.5
5075	Warm air heating and air-conditioning equipment and supplies	2 711 625	401 722	28 000	53.2	7	13.1	6.9
5078	Refrigeration equipment and supplies	813 692	162 738	25 169	56.5	5	27.4	12.6
508	Machinery, equipment, and supplies	1 676 319	176 584	23 331	48.1	9	27.5	20.6
5082	Construction and mining (except petroleum) machinery and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment	1 748 462	234 330	19 825	42.3	7	20.0	12.0
5084	Industrial machinery and equipment	1 454 420	169 513	23 336	44.8	9	30.7	16.7
5085	Industrial supplies	1 336 222	174 290	24 151	50.1	8	27.7	14.7
5087	Service establishment equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	1 121 267	174 900	16 754	45.8	6	20.9	18.1
5091	Sporting and recreational goods and supplies	1 474 419	228 535	20 525	41.3	6	21.8	13.3
5092	Toys and hobby goods and supplies	738 200	160 478	15 507	43.4	5	22.3	13.4
5093	Scrap and waste materials	737 333	122 889	14 421	39.8	6	29.5	8.8
5094	Jewelry, watches, precious stones, and precious metals	949 116	179 393	14 657	41.3	5	19.8	19.9
5099	Durable goods, n.e.c.	1 481 796	163 164	18 056	56.2	9	19.7	21.9
51	Nondurable goods	3 292 199	318 247	18 162	44.9	10	12.7	6.8
511	Paper and paper products	2 950 739	240 096	19 422	53.1	12	15.2	7.3
5111	Printing and writing paper	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5112	Stationery and office supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	3 806 034	301 571	18 189	48.2	13	12.5	7.3
512	Drugs, drug proprietaries, and druggists' sundries	3 343 500	289 481	16 639	40.9	12	14.1	16.4
5122	Drugs, drug proprietaries, and druggists' sundries	3 343 500	289 481	16 639	40.9	12	14.1	16.4
513	Apparel, piece goods, and notions	1 359 306	196 526	17 402	46.2	7	19.2	11.3
5131	Piece goods, notions, and other dry goods	1 612 483	198 987	20 702	46.3	8	22.5	14.3
5136	Men's and boys' clothing and furnishings	1 071 036	175 374	17 310	46.2	6	21.4	12.4
5137	Women's, children's and infants' clothing and accessories	1 552 800	232 629	16 142	45.4	7	15.3	7.9
5139	Footwear	722 000	107 324	11 676	50.7	7	21.5	17.2
514	Groceries and related products	3 747 095	310 856	16 614	44.3	12	12.1	5.1
5141	Groceries, general line	3 774 809	362 073	16 790	43.8	10	10.6	8.1
5142	Packaged frozen foods	6 299 472	420 744	19 315	43.1	15	10.6	6.6
5143	Dairy products, except dried or canned	1 767 160	320 138	16 210	42.7	6	11.8	2.9
5144	Poultry and poultry products	3 751 182	303 404	10 162	39.9	12	8.4	2.8
5145	Confectionery	2 386 560	176 521	16 358	53.7	14	17.2	12.3
5146	Fish and seafoods	2 308 600	220 100	14 422	43.3	10	15.1	4.3
5147	Meats and meat products	6 907 412	409 664	20 520	41.1	17	12.2	5.4
5148	Fresh fruits and vegetables	3 185 345	205 964	14 544	47.1	15	15.0	1.9
5149	Groceries and related products, n.e.c.	3 561 505	348 337	16 733	44.0	10	10.9	3.8
515	Farm-product raw materials	747 700	233 656	10 219	57.2	3	7.7	4.9
5153	Grain and field beans	934 500	623 000	21 000	57.5	2	5.9	3.6
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	2 701 923	264 761	24 603	50.3	10	18.5	8.9
5162	Plastics materials and basic forms and shapes	2 980 500	187 257	26 518	52.7	16	26.9	16.8
5169	Chemicals and allied products, n.e.c.	2 578 111	336 275	22 836	48.1	8	14.1	4.9

See footnotes at end of table.

Table 2. Selected Ratios for the State: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A.]

1987 SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per estab- lishment ¹ (number)	Operating expenses as percent of sales	End-of-1987 inventories as percent of sales
		Per estab- lishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
Wholesale trade—Con.								
51	Nondurable goods—Con.							
517	Petroleum and petroleum products	9 373 880	1 233 405	29 479	36.0	8	6.6	4.9
5171	Petroleum bulk stations and terminals	11 874 167	1 375 386	29 459	37.9	9	5.7	5.7
5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	5 623 450	929 496	29 521	32.7	6	9.7	2.1
518	Beer, wine, and distilled alcoholic beverages	6 604 220	360 550	25 329	46.2	18	15.2	9.8
5181	Beer and ale	9 559 389	370 041	24 634	43.4	26	15.3	5.8
5182	Wine and distilled alcoholic beverages	4 291 478	345 119	26 458	51.1	12	15.0	16.7
519	Miscellaneous nondurable goods	1 721 735	226 267	15 379	44.7	8	15.2	8.0
5191	Farm supplies	2 003 234	314 890	16 508	42.8	6	12.2	12.7
5192	Books, periodicals, and newspapers	2 017 867	189 175	19 613	51.2	11	20.3	6.4
5193	Flowers, nursery stock, and florists' supplies	662 400	57 268	10 890	49.5	12	38.4	11.1
5194	Tobacco and tobacco products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	1 658 932	282 897	15 727	42.1	6	13.2	6.1
Merchant wholesalers—								
50	Durable goods—	2 190 147	213 461	19 200	45.9	10	19.6	12.2
		1 912 980	197 769	21 030	47.0	10	22.6	15.7
501	Motor vehicles and motor vehicle parts and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5012	Automobiles and other motor vehicles	23 497 000	870 259	22 024	26.9	27	9.4	8.0
5013	Motor vehicle supplies and new parts	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5015	Motor vehicle parts, used	279 750	54 145	11 258	46.5	5	44.7	14.2
502	Furniture and homefurnishings	1 290 484	156 575	20 348	45.1	8	28.8	14.5
5021	Furniture	1 592 720	144 793	21 233	48.7	11	30.1	12.8
5023	Homefurnishings	1 086 270	170 305	19 318	41.3	6	27.5	16.3
503	Lumber and other construction materials	2 728 613	248 056	26 376	48.7	11	21.8	14.9
5031	Lumber, plywood, millwork, and wood panels	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5032	Brick, stone, and related construction materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5033	Roofing, siding, and insulation materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Professional and commercial equipment and supplies	1 411 484	119 527	20 126	51.5	12	32.7	12.7
5043	Photographic equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5044	Office equipment	992 581	78 602	19 068	55.9	13	43.4	18.3
5045	Computers and computer peripheral equipment and software	2 170 853	154 412	24 841	50.7	14	31.7	8.3
5046	Commercial equipment, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5047	Medical, dental, and hospital equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5048	Ophthalmic goods	881 875	54 690	12 930	53.2	16	44.5	8.5
5049	Professional equipment and supplies, n.e.c.	1 330 500	153 519	18 115	59.1	9	20.0	22.9
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-
506	Electrical goods	2 894 367	279 499	24 766	46.3	10	19.1	14.2
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	3 375 613	296 442	27 912	52.0	11	18.1	15.8
5064	Electrical appliances; television and radio sets	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5065	Electronic parts and equipment, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	1 763 359	211 929	23 097	50.5	8	21.6	16.9
5072	Hardware	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	2 414 815	239 706	22 426	50.2	10	18.6	17.6
5075	Warm air heating and air-conditioning equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	813 692	162 738	25 169	56.5	5	27.4	12.6
508	Machinery, equipment, and supplies	1 591 348	167 706	22 825	47.7	9	28.6	22.4
5082	Construction and mining (except petroleum) machinery and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5084	Industrial machinery and equipment	1 460 435	170 508	23 193	43.7	9	31.1	18.0
5085	Industrial supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5087	Service establishment equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	1 125 479	168 379	16 754	45.9	7	21.7	19.2
5091	Sporting and recreational goods and supplies	1 490 286	212 898	20 321	41.4	7	23.0	14.5
5092	Toys and hobby goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, precious stones, and precious metals	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5095	Durable goods, n.e.c.	1 535 622	158 857	18 108	56.3	10	20.2	23.0
51	Nondurable goods—	2 509 687	229 460	17 335	44.6	11	16.9	9.2
5111	Paper and paper products	2 436 891	183 601	17 326	49.1	13	19.2	11.1
5112	Printing and writing paper	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Stationery and office supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries, and druggists' sundries	2 651 667	184 464	17 652	47.6	14	20.1	12.6
5122	Drugs, drug proprietaries, and druggists' sundries	3 432 455	308 640	17 253	42.1	11	13.3	18.3
513	Apparel, piece goods, and notions	1 417 411	188 064	17 358	46.7	8	19.8	12.1
5131	Piece goods, notions, and other dry goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	1 742 719	225 777	16 449	47.9	8	15.2	8.0

See footnotes at end of table.

Table 2. Selected Ratios for the State: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1987 SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per estab- lishment ¹ (number)	Operating expenses as percent of sales	End-of-1987 inventories as percent of sales				
		Per estab- lishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses							
Merchant wholesalers—Con.												
51 Nondurable goods—Con.												
514 Groceries and related products	2 940 304	228 993	15 784	43.7	13	15.8		7.5				
5141 Groceries, general line	3 155 341	300 160	16 276	42.9	11	12.6		11.1				
5142 Packaged frozen foods	5 852 345	338 084	18 914	42.8	17	13.1		8.4				
5143 Dairy products, except dried or canned	869 353	149 283	13 263	45.5	6	19.5		6.9				
5144 Poultry and poultry products	2 068 571	134 074	9 176	35.0	15	19.6		7.6				
5145 Confectionery	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5146 Fish and seafoods	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5147 Meats and meat products	6 570 154	361 915	20 443	42.4	18	13.3		6.4				
5148 Fresh fruits and vegetables	2 947 481	184 218	14 357	46.6	16	16.7		2.2				
5149 Groceries and related products, n.e.c.	1 863 635	172 371	14 815	42.3	11	20.3		8.9				
515 Farm-product raw materials	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5153 Grain and field beans	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5154 Livestock	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5159 Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
516 Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5162 Plastics materials and basic forms and shapes	2 980 500	187 257	26 518	52.7	16	26.9		16.8				
5169 Chemicals and allied products, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
517 Petroleum and petroleum products	4 920 077	544 349	27 340	33.7	9	14.9		3.3				
5171 Petroleum bulk stations and terminals	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5172 Petroleum and petroleum products wholesalers, except bulk stations and terminals	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
518 Beer, wine, and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5181 Beer and ale	9 559 389	370 041	24 634	43.4	26	15.3		5.8				
5182 Wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
519 Miscellaneous nondurable goods	1 216 446	156 572	14 916	45.1	8	21.1		9.7				
5191 Farm supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5192 Books, periodicals, and newspapers	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5193 Flowers, nursery stock, and florists' supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5194 Tobacco and tobacco products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5198 Paints, varnishes, and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5199 Nondurable goods, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
Manufacturers' sales branches and sales offices												
50 Durable goods	8 154 354	571 156	34 394	53.5	14	11.3		5.4				
501 Motor vehicles and motor vehicle parts and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
502 Furniture and homefurnishings	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
503 Lumber and other construction materials	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
504 Professional and commercial equipment and supplies	7 988 640	272 464	40 945	61.7	29	24.3		5.6				
505 Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
506 Electrical goods	8 762 750	385 176	37 176	53.2	23	18.1		9.5				
507 Hardware, and plumbing and heating equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
508 Machinery, equipment, and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
509 Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
51 Nondurable goods	9 147 039	983 690	27 859	45.1	9	6.3		4.4				
511 Paper and paper products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5112 Drugs, drug proprietaries, and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5113 Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5114 Groceries and related products	9 245 583	880 532	25 524	44.2	11	6.6		1.1				
5115 Farm-product raw materials	-	-	-	-	-	-		-				
516 Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
517 Petroleum and petroleum products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
518 Beer, wine, and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
519 Miscellaneous nondurable goods	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
Agents, brokers, and commission merchants												
50 Durable goods	3 598 347	800 819	19 037	48.7	4	4.9		.3				
501 Motor vehicles and motor vehicle parts and supplies	-	-	-	-	-	-		-				
502 Furniture and homefurnishings	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
503 Lumber and other construction materials	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
504 Professional and commercial equipment and supplies	605 091	443 733	26 333	52.0	1	11.4		.2				
505 Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
506 Electrical goods	2 022 833	577 952	20 984	47.2	4	7.7		.3				
507 Hardware, and plumbing and heating equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
508 Machinery, equipment, and supplies	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
509 Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
51 Nondurable goods	5 334 812	931 127	18 717	49.2	6	4.1		.2				
511 Paper and paper products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5112 Drugs, drug proprietaries, and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5113 Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
5114 Groceries and related products	6 533 822	893 684	20 122	51.2	7	4.4		.3				
5115 Farm-product raw materials	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
516 Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
517 Petroleum and petroleum products	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
518 Beer, wine, and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)		(D)				
519 Miscellaneous nondurable goods	(D)	(D)	(D)	(D)	(D)	(D)		(D)				

¹Based on number of employees for pay period including March 12.

Table 3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A.]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll			Paid employees for pay period including March 12	
			1987 (number)	1982 (number)	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (number)	1982 (number)
		Wholesale trade -----	1 989	1 810	5 359 508	4 084 369	31.2	414 496	287 626	44.1	20 102	17 210
50		Durable goods -----	1 012	936	2 152 393	1 443 229	49.1	229 124	157 461	45.5	9 894	8 714
501		Motor vehicles and automotive parts and supplies -----	112	106	406 058	293 883	38.2	26 670	21 631	23.3	1 426	1 349
5012	5012	Automobiles and other motor vehicles -----	11	11	258 467	190 782	35.5	6 541	7 360	-11.1	297	347
5013	5013	Automotive parts and supplies -----	89	79	119 135	90 661	31.4	16 829	12 114	38.9	976	863
5015 pt.		Motor vehicle supplies and new parts -----	86	77	118 760	(D)	(D)	16 749	(D)	(D)	969	(D)
		Motor vehicle parts, used -----	3	2	375	(D)	(D)	80	(D)	(D)	7	(D)
5014	5014	Tires and tubes -----	12	16	28 456	12 440	128.7	3 300	2 157	53.0	153	139
502		Furniture and homefurnishings -----	69	66	105 823	68 643	54.2	11 887	8 043	47.8	570	497
5021	5021	Furniture -----	25	29	39 818	23 767	67.5	5 839	4 158	40.4	275	247
5023	5023	Homefurnishings -----	44	37	66 005	44 876	47.1	6 048	3 885	55.7	295	250
503		Lumber and other construction materials -----	82	95	217 920	126 739	71.9	22 683	13 175	72.2	867	716
5031	5031	Lumber, plywood, millwork, and wood panels -----	39	23	140 681	53 602	162.5	14 975	6 485	130.9	605	340
5039		Construction materials, n.e.c. -----	43	72	77 239	73 137	5.6	7 708	6 690	15.2	262	376
		Brick, stone, and related construction materials -----	15	20	(D)	17 152	(D)	(D)	1 331	(D)	72	
		Roofing, siding, and insulation materials -----	6	10	(D)	28 417	(D)	(D)	2 139	(D)	101	
		Construction materials, n.e.c. -----	22	42	35 056	27 568	27.2	3 678	3 220	14.2	147	203
504		Sporting, recreational, photographic, and hobby goods, toys and supplies -----	57	54	110 429	83 413	32.4	8 888	6 673	33.2	437	379
5041	5091	Sporting and recreational goods and supplies -----	31	33	45 707	26 648	71.5	4 105	2 224	84.6	200	124
5042	5092	Toys and hobby goods and supplies -----	15	11	11 073	13 801	-19.8	1 070	1 647	-35.0	69	107
5043	5043	Photographic equipment and supplies -----	11	10	53 649	42 964	24.9	3 713	2 802	32.5	168	148
505		Metals and minerals, except petroleum -----	18	12	41 947	25 358	65.4	3 727	2 231	67.1	166	126
5051	5051	Metals service centers and offices -----	18	12	41 947	25 358	65.4	3 727	2 231	67.1	166	126
5052	5052	Coal and other minerals and ores -----	-	-	-	-	-	-	-	-	-	-
506		Electrical goods -----	121	110	373 208	244 951	52.4	32 599	19 452	67.6	1 227	1 116
5063		Electrical apparatus and equipment, wiring supplies, and construction materials -----	58	47	178 260	105 921	68.3	14 371	8 675	65.7	522	457
		Electrical apparatus and equipment, wiring supplies, and construction materials -----	50	(NA)	165 899	(NA)	(NA)	12 254	(NA)	(NA)	442	(NA)
5065 pt.	5084 pt.	Electronic parts and equipment, n.e.c. -----	3	(NA)	6 159	(NA)	(NA)	688	(NA)	(NA)	30	(NA)
		Industrial machinery and equipment -----	5	(NA)	6 202	(NA)	(NA)	1 429	(NA)	(NA)	50	(NA)
5064	5064	Electrical appliances, television and radio sets -----	33	31	134 029	81 662	64.1	11 134	6 186	80.0	461	399
5065	5065 pt.	Electronic parts and equipment, n.e.c. -----	30	32	60 919	57 368	6.2	7 094	4 591	54.5	244	260
507		Hardware, and plumbing and heating equipment and supplies -----	93	83	164 382	98 641	66.6	16 686	13 158	26.8	701	694
5072	5072	Hardware -----	39	29	57 953	31 122	86.2	7 104	4 709	50.9	291	270
5074	5074	Plumbing and heating equipment and supplies (hydronics) -----	33	37	74 158	47 069	57.6	6 434	5 751	11.9	291	315
5075	5075	Warm air heating and air-conditioning equipment and supplies -----	8	6	21 693	10 926	98.5	1 512	983	53.8	54	39
5078	5078	Refrigeration equipment and supplies -----	13	11	10 578	9 524	11.1	1 636	1 715	-4.6	65	70
508		Machinery, equipment, and supplies -----	321	277	609 514	418 117	45.8	94 473	64 803	45.8	3 751	3 209
5081		Commercial machines and equipment -----	134	90	306 944	178 235	72.2	55 527	36 488	52.2	1 982	1 500
5044	5044	Office equipment -----	52	(NA)	77 996	(NA)	(NA)	19 039	(NA)	(NA)	759	(NA)
5045	5045	Computers and computer peripheral equipment and software -----	48	(NA)	189 514	(NA)	(NA)	31 264	(NA)	(NA)	930	(NA)
5046	5046	Commercial equipment, n.e.c. -----	34	23	39 434	14 715	168.0	5 224	2 337	123.5	293	134
5082		Construction and mining (except petroleum) machinery and equipment -----	8	15	(D)	48 855	(D)	(D)	5 666	(D)	(D)	284
5083	5083	Farm and garden machinery and equipment -----	13	13	22 730	16 882	34.6	1 923	1 551	24.0	97	93
5084	5084 pt.	Industrial machinery and equipment -----	45	37	66 519	61 938	7.4	8 582	6 554	30.9	379	372
5085	5085	Industrial supplies -----	45	42	60 130	47 297	27.1	8 332	5 653	47.4	345	335
5086		Professional equipment and supplies -----	48	42	67 382	41 397	62.8	8 481	5 554	52.7	452	363
5047	5047	Medical, dental, and hospital equipment and supplies -----	34	26	52 344	33 156	57.9	5 871	3 499	67.8	271	199
5048	5048	Ophthalmic goods -----	8	6	7 055	(D)	(D)	942	(D)	(D)	129	(D)
5049	5049	Professional equipment and supplies, n.e.c. -----	6	10	7 983	(D)	(D)	231	(D)	(D)	52	(D)
5087	5087	Service establishment equipment and supplies -----	23	30	(D)	19 943	(D)	(D)	3 106	(D)	(D)	245
5088	5088	Transportation equipment and supplies, except motor vehicles -----	5	8	(D)	3 570	(D)	(D)	231	(D)	(D)	17
509		Miscellaneous durable goods -----	139	133	123 112	83 484	47.5	11 511	8 295	38.8	749	628
5093	5093	Scrap and waste materials -----	21	18	15 484	10 253	51.0	1 817	1 796	1.2	126	132
5094	5094	Jewelry, watches, precious stones, and precious metals -----	86	71	81 624	49 510	64.9	6 669	4 452	49.8	455	340
5099	5099 pt.	Durable goods, n.e.c. -----	32	44	26 004	23 721	9.6	3 025	2 047	47.8	168	156

Table 3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A.]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll			Paid employees for pay period including March 12	
			1987 (number)	1982 (number)	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (number)	1982 (number)
Wholesale trade—Con.												
51		Nondurable goods	977	874	3 207 115	2 641 140	21.4	185 372	130 165	42.4	10 208	8 496
511		Paper and paper products	69	69	203 601	104 774	94.3	16 470	11 063	48.9	848	650
5111	5111	Printing and writing paper	5	10	(D)	31 749	(D)	(D)	2 829	(D)	(D)	121
5112	5112	Stationery and office supplies	35	37	(D)	43 807	(D)	(D)	5 760	(D)	(D)	342
5113	5113	Industrial and personal service paper	29	22	110 375	29 218	277.8	6 657	2 474	169.1	366	187
512		Drugs, drug proprietaries, and druggists' sundries	40	43	133 740	122 196	9.4	7 687	9 098	-15.5	462	573
5122	5122	Drugs, drug proprietaries, and druggists' sundries	40	43	133 740	122 196	9.4	7 687	9 098	-15.5	462	573
513		Apparel, piece goods, and notions	108	74	146 805	71 081	106.5	12 999	6 909	88.1	747	568
5133	5131 pt.	Piece goods	22	15	38 316	23 632	62.1	3 791	2 110	79.7	176	137
5134	5131 pt.	Notions and other dry goods	7	8	8 446	5 567	51.7	1 074	719	49.4	59	66
5136	5136	Men's and boys' clothing and furnishings	28	15	29 989	16 219	84.9	2 960	1 254	136.0	171	94
5137	5137	Women's, children's, and infants' clothing and accessories	40	24	62 112	21 394	190.3	4 310	2 271	89.8	267	229
5139	5139	Footwear	11	12	7 942	4 269	86.0	864	555	55.7	74	42
514		Groceries and related products	388	350	1 453 873	1 187 153	22.5	77 703	59 290	31.1	4 677	4 039
5141	5141	Groceries, general line	47	39	177 416	189 428	-6.4	8 227	7 365	11.7	490	448
5142	5142	Packaged frozen foods	36	38	226 781	168 337	34.7	10 411	6 940	50.0	539	500
5143	5143	Dairy products, except dried or canned	25	22	44 179	51 659	-14.5	2 237	2 281	-1.9	138	135
5144	5144	Poultry and poultry products	11	8	41 263	19 537	111.2	1 382	1 006	37.4	136	108
5145	5145	Confectionery	25	26	59 664	42 482	40.4	5 529	3 350	65.0	338	270
5146	5146	Fish and seafoods	45	34	103 887	38 534	169.6	6 807	3 118	118.3	472	239
5147	5147	Meats and meat products	34	33	234 852	190 930	23.0	11 758	8 673	35.6	573	449
5148	5148	Fresh fruits and vegetables	58	53	184 750	107 262	72.2	13 046	9 137	42.8	897	799
5149	5149	Groceries and related products, n.e.c.	107	97	381 081	378 984	.6	18 306	17 420	5.1	1 094	1 094
515		Farm-product raw materials	10	4	7 477	4 182	78.8	327	380	-14.0	32	41
5152	5159 pt.	Cotton	-	-	-	-	-	-	-	-	-	-
5153	5153	Grain and field beans	4	-	3 738	-	(X)	126	-	(X)	6	-
5154	5154	Livestock	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	5159 pt.	Farm-product raw materials, n.e.c.	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516		Chemicals and allied products	39	35	105 375	68 316	54.2	9 792	4 499	117.6	398	212
5161		Chemicals and allied products	39	35	105 375	68 316	54.2	9 792	4 499	117.6	398	212
5162	5162	Plastics materials and basic forms and shapes	12	10	35 766	(D)	(D)	5 065	(D)	(D)	191	(D)
5169	5169	Chemicals and allied products, n.e.c.	27	25	69 609	(D)	(D)	4 727	(D)	(D)	207	(D)
517		Petroleum and petroleum products	50	51	468 694	671 552	-30.2	11 202	7 623	47.0	380	317
5171	5171	Petroleum bulk stations and terminals	30	38	356 225	594 540	-40.1	7 630	6 027	26.6	259	239
5172	5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	20	13	112 469	77 012	46.0	3 572	1 596	123.8	121	78
518		Beer, wine, and distilled alcoholic beverages	41	38	270 773	175 607	54.2	19 022	11 174	70.2	751	592
5181	5181	Beer and ale	18	14	172 069	(D)	(D)	11 455	(D)	(D)	465	(D)
5182	5182	Wine and distilled alcoholic beverages	23	24	98 704	(D)	(D)	7 567	(D)	(D)	286	(D)
519		Miscellaneous nondurable goods	232	210	416 777	236 279	76.4	30 170	20 129	49.9	1 913	1 504
5191	5191	Farm supplies	47	40	94 152	65 237	44.3	4 936	4 061	21.5	299	263
5194	5194	Tobacco and tobacco products	6	11	(D)	48 381	(D)	2 015	(D)	(D)	88	69
5198	5198	Paints, varnishes and supplies	14	13	(D)	9 252	(D)	1 058	(D)	(D)	(D)	69
5199		Nondurable goods, n.e.c.	165	146	267 614	113 409	136.0	21 426	12 995	64.9	1 388	1 084
5099 pt.		Durable goods, n.e.c.	17	(NA)	46 604	(NA)	(NA)	5 010	(NA)	(NA)	277	(NA)
5192		Books, periodicals, and newspapers	15	18	30 268	23 883	26.7	3 138	2 720	15.4	160	161
5193		Flowers, nursery stock, and florists' supplies	30	31	19 872	16 032	24.0	3 779	2 576	46.7	347	320
5199		Nondurable goods, n.e.c.	103	(NA)	170 870	(NA)	(NA)	9 499	(NA)	(NA)	604	(NA)
		Merchant wholesalers	1 709	1 480	3 759 690	2 496 494	50.6	337 829	219 168	54.1	17 572	14 401
50		Durable goods	895	791	(D)	1 083 918	(D)	(D)	115 826	(D)	(D)	7 138
501		Motor vehicles and automotive parts and supplies	108	100	(D)	288 643	(D)	(D)	20 678	(D)	(D)	1 290
5012	5012	Automobiles and other motor vehicles	11	11	258 467	190 782	35.5	6 541	7 360	-11.1	297	347
5013	5013	Automotive parts and supplies	88	77	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5015 pt.		Motor vehicle supplies and new parts	85	75	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Motor vehicle parts, used	3	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	5014	Tires and tubes	9	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502		Furniture and homefurnishings	62	52	80 010	58 746	36.2	10 398	7 520	38.3	511	458
5021	5021	Furniture	25	25	39 818	22 848	74.3	5 839	4 108	42.1	275	243
5023	5023	Homefurnishings	37	27	40 192	35 898	12.0	4 559	3 412	33.6	236	215
503		Lumber and other construction materials	75	77	204 646	106 463	92.2	21 760	12 071	80.3	825	664
5031	5031	Lumber, plywood, millwork, and wood panels	37	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039		Construction materials, n.e.c.	38	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Brick, stone, and related construction materials	13	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Roofing, siding, and insulation materials	6	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Construction materials, n.e.c.	19	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments		Sales		Annual payroll		Paid employees for pay period including March 12	
			1987 (number)	1982 (number)	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987
		Merchant wholesalers—Con.								
50		Durable goods—Con.								
504		Sporting, recreational, photographic, and hobby goods, toys and supplies	52	46	(D)	46 878	(D)	(D)	5 233	(D)
5041	5091	Sporting and recreational goods and supplies	28	28	41 728	(D)	(D)	3 993	(D)	(D)
5042	5092	Toys and hobby goods and supplies	14	10	(D)	(D)	(D)	(D)	(D)	196
5043	5043	Photographic equipment and supplies	10	8	(D)	(D)	(D)	(D)	(D)	(D)
505		Metals and minerals, except petroleum	16	10	(D)	(D)	(D)	(D)	(D)	(D)
5051	5051	Metals service centers and offices	16	10	(D)	(D)	(D)	(D)	(D)	(D)
5052	5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-
506		Electrical goods	93	81	(D)	173 627	(D)	(D)	14 380	(D)
5063		Electrical apparatus and equipment, wiring supplies, and construction materials	37	30	(D)	48 834	(D)	(D)	4 863	(D)
5063	5063	Electrical apparatus and equipment, wiring supplies, and construction materials	31	(NA)	104 644	(NA)	(NA)	9 853	(NA)	(D)
5065 pt.	5065 pt.	Electronic parts and equipment, n.e.c.	3	(NA)	6 159	(NA)	(NA)	688	(NA)	353
5068 pt.	5068 pt.	Industrial machinery and equipment	3	(NA)	(D)	(NA)	(NA)	(D)	(NA)	30
5064	5064	Electrical appliances, television and radio sets	30	26	(D)	79 556	(D)	(D)	5 958	(D)
5065	5065 pt.	Electronic parts and equipment, n.e.c.	26	25	(D)	45 237	(D)	(D)	3 559	(D)
507		Hardware, and plumbing and heating equipment and supplies	78	71	137 542	86 321	59.3	14 990	12 197	22.9
5072	5072	Hardware	32	25	(D)	30 016	(D)	(D)	4 555	(D)
5074	5074	Plumbing and heating equipment and supplies (hydronics)	27	32	65 200	(D)	(D)	6 100	(D)	(D)
5075	5075	Warm air heating and air-conditioning equipment and supplies	6	3	(D)	(D)	(D)	(D)	(D)	(D)
5078	5078	Refrigeration equipment and supplies	13	11	10 578	9 524	11.1	1 636	1 715	-4.6
508		Machinery, equipment, and supplies	279	236	(D)	226 266	(D)	(D)	33 690	(D)
5081		Commercial machines and equipment	110	73	155 887	69 184	125.3	27 450	11 996	128.8
5044	5044	Office equipment	43	(NA)	42 681	(NA)	(NA)	10 354	(NA)	1 313
5045	5045	Computers and computer peripheral equipment and software	34	(NA)	73 809	(NA)	(NA)	11 874	(NA)	543
5046	5046	Commercial equipment, n.e.c.	33	23	(D)	14 715	(D)	(D)	2 337	(NA)
5082	5082	Construction and mining (except petroleum) machinery and equipment	8	11	(D)	(D)	(D)	(D)	(D)	(D)
5083	5083	Farm and garden machinery and equipment	12	12	(D)	(D)	(D)	(D)	(D)	(D)
5084	5084 pt.	Industrial machinery and equipment	43	28	(D)	34 128	(D)	(D)	4 729	(D)
5085	5085	Industrial supplies	41	38	(D)	35 447	(D)	(D)	4 983	(D)
5086		Professional equipment and supplies	37	38	(D)	(D)	(D)	(D)	(D)	(D)
5047	5047	Medical, dental, and hospital equipment and supplies	23	22	(D)	(D)	(D)	(D)	(D)	(D)
5048	5048	Ophthalmic goods	8	6	7 055	(D)	(D)	1 668	(D)	(D)
5049	5049	Professional equipment and supplies, n.e.c.	6	10	7 983	(D)	(D)	942	(D)	129
5087	5087	Service establishment equipment and supplies	23	30	(D)	19 943	(D)	(D)	3 106	(D)
5088	5088	Transportation equipment and supplies, except motor vehicles	5	6	(D)	(D)	(D)	(D)	(D)	245
509		Miscellaneous durable goods	132	118	(D)	(D)	(D)	(D)	(D)	(D)
5093	5093	Scrap and waste materials	19	18	(D)	10 253	(D)	(D)	1 796	(D)
5094	5094	Jewelry, watches, precious stones, and precious metals	84	65	(D)	46 851	(D)	(D)	4 255	(D)
5099	5099 pt.	Durable goods, n.e.c.	29	35	(D)	(D)	(D)	(D)	(D)	319
51		Nondurable goods	814	689	(D)	1 412 576	(D)	(D)	103 342	(D)
511		Paper and paper products	55	57	134 029	83 034	61.4	12 648	9 316	35.8
5111	5111	Printing and writing paper	5	10	(D)	31 749	(D)	(D)	2 829	(D)
5112	5112	Stationery and office supplies	26	27	(D)	(D)	(D)	6 090	(D)	121
5113	5113	Industrial and personal service paper	24	20	63 640	(D)	(D)	(D)	(D)	345
512		Drugs, drug proprietaries, and druggists' sundries	33	33	113 271	110 450	2.6	6 332	8 294	-23.7
5122	5122	Drugs, drug proprietaries, and druggists' sundries	33	33	113 271	110 450	2.6	6 332	8 294	-23.7
513		Apparel, piece goods, and notions	95	63	134 654	(D)	(D)	12 428	(D)	716
5133	5131 pt.	Piece goods	20	15	(D)	23 632	(D)	(D)	2 110	(D)
5134	5131 pt.	Notions and other dry goods	6	8	(D)	5 567	(D)	(D)	719	(D)
5136	5136	Men's and boys' clothing and furnishings	27	12	(D)	(D)	(D)	(D)	(D)	66
5137	5137	Women's, children's, and infants' clothing and accessories	32	17	55 767	17 133	225.5	4 063	1 907	113.1
5139	5139	Footwear	10	11	(D)	(D)	(D)	(D)	(D)	247
514		Groceries and related products	319	270	937 957	733 692	27.8	64 651	46 536	38.9
5141	5141	Groceries, general line	41	29	129 369	143 249	-9.7	7 015	6 678	5.0
5142	5142	Packaged frozen foods	29	30	169 718	121 129	40.1	9 495	6 028	57.5
5143	5143	Dairy products, except dried or canned	17	17	14 779	21 928	-32.6	1 313	1 294	1.5
5144	5144	Poultry and poultry products	7	6	14 480	(D)	(D)	991	(D)	99
5145	5145	Confectionery	21	24	(D)	(D)	(D)	(D)	(D)	108

Table 3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A.]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll			Paid employees for pay period including March 12	
			1987 (number)	1982 (number)	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (number)	1982 (number)
Merchant wholesalers—Con.												
51		Nondurable goods—Con.										
514		Groceries and related products—Con.										
5146	5146	Fish and seafoods	41	31	(D)	28 617	(D)	(D)	2 801	(D)	(D)	218
5147	5147	Meats and meat products	26	26	170 824	130 659	30.7	9 649	7 069	36.5	472	359
5148	5148	Fresh fruits and vegetables	52	47	153 269	94 952	61.4	11 945	8 659	37.9	832	760
5149	5149	Groceries and related products, n.a.c.	85	60	158 409	143 193	10.6	13 615	10 250	32.8	919	809
515		Farm-product raw materials	9	4	(D)	4 182	(D)	(D)	380	(D)	(D)	41
5152	5159 pt.	Cotton	-	-	-	-	-	-	-	-	-	-
5153	5153	Grain and field beans	3	-	(D)	-	(X)	(D)	-	(X)	(D)	-
5154	5154	Livestock	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	5159 pt.	Farm-product raw materials, n.e.c.	3	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516		Chemicals and allied products	29	25	(D)	27 463	(D)	(D)	2 848	(D)	(D)	142
5161	5162	Chemicals and allied products	29	25	(D)	27 463	(D)	(D)	2 848	(D)	(D)	142
	5169	Plastics materials and basic forms and shapes	12	9	35 766	(D)	(D)	5 065	(D)	(D)	191	(D)
		Chemicals and allied products, n.e.c.	17	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
517		Petroleum and petroleum products	26	16	127 922	62 350	105.2	6 425	2 155	198.1	235	115
5171	5171	Petroleum bulk stations and terminals	12	8	(D)	16 522	(D)	(D)	1 016	(D)	(D)	49
5172	5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	14	8	(D)	45 828	(D)	(D)	1 139	(D)	(D)	66
518		Beer, wine, and distilled alcoholic beverages	37	36	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	5181	Beer and ale	18	13	172 069	(D)	(D)	11 455	(D)	(D)	465	(D)
5182	5182	Wine and distilled alcoholic beverages	19	23	(D)	89 593	(D)	(D)	6 789	(D)	(D)	365
519		Miscellaneous nondurable goods	211	185	(D)	159 305	(D)	(D)	16 235	(D)	(D)	1 304
5191	5191	Farm supplies	43	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	5194	Tobacco and tobacco products	5	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	5198	Paints, varnishes and supplies	13	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	5099 pt.	Nondurable goods, n.e.c.	150	131	165 585	92 912	78.2	20 685	12 233	69.1	1 347	1 030
	5192	Durable goods, n.e.c.	16	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(NA)
	5193	Books, periodicals, and newspapers	12	15	(D)	21 049	(D)	(D)	2 482	(D)	(D)	150
	5199	Flowers, nursery stock, and florists' supplies	28	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Nondurable goods, n.e.c.	94	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(NA)
		Manufacturers' sales branches and sales offices	130	182	1 060 066	1 269 797	-16.5	63 836	59 273	7.7	1 856	2 254
50		Durable goods	53	76	355 744	304 529	16.8	43 889	38 663	13.5	1 140	1 393
501	501 pt.	Motor vehicles and automotive parts and supplies	4	6	(D)	5 240	(D)	(D)	953	(D)	(D)	59
502	502	Furniture and homefurnishings	2	5	(D)	5 153	(D)	(D)	365	(D)	(D)	20
503	503	Lumber and other construction materials	2	10	(D)	16 923	(D)	(D)	661	(D)	(D)	27
504		Sporting, recreational, photographic, and hobby goods, toys and supplies	2	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504 pt.		Professional and commercial equipment and supplies	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509 pt.		Miscellaneous durable goods	1	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	505	Metals and minerals, except petroleum	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	506	Electrical goods	9	12	(D)	51 681	(D)	(D)	4 237	(D)	(D)	178
	508 pt.	Electrical goods	8	(NA)	70 102	(NA)	(NA)	6 766	(NA)	(NA)	182	(NA)
		Machinery, equipment, and supplies	1	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)
507	507	Hardware, and plumbing and heating equipment and supplies	5	4	(D)	3 129	(D)	(D)	289	(D)	(D)	13
508	504 pt.	Machinery, equipment, and supplies	28	31	(D)	181 388	(D)	(D)	30 635	(D)	(D)	1 023
	508 pt.	Professional and commercial equipment and supplies	24	18	165 486	(D)	(D)	28 973	(D)	(D)	706	(D)
		Machinery, equipment, and supplies	4	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	509 pt.	Miscellaneous durable goods	-	4	-	(D)	(D)	-	(D)	(D)	-	(D)
51		Nondurable goods	77	106	704 322	965 268	-27.0	19 947	20 610	-3.2	716	861
511	511	Paper and paper products	10	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	512	Drugs, drug proprietaries, and druggists' sundries	2	4	(D)	5 102	(D)	(D)	472	(D)	(D)	25
513	513	Apparel, piece goods, and notions	2	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	514	Groceries and related products	24	32	221 894	222 155	-.1	6 432	7 815	-17.7	252	325
515	515	Farm-product raw materials	-	-	-	-	-	-	-	-	-	-

Table 3. Comparative Statistics Based on 1972 Standard Industrial Classification for the State: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll			Paid employees for pay period including March 12	
			1987 (number)	1982 (number)	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (\$1,000)	1982 (\$1,000)	Percent change 1982 to 1987	1987 (number)	1982 (number)
		Manufacturers' sales branches and sales offices—Con.										
51		Nondurable goods—Con.										
516	516	Chemicals and allied products -----	9	10	(D)	40 853	(D)	(D)	1 651	(D)	(D)	70
517	517	Petroleum and petroleum products -----	22	35	(D)	609 202	(D)	(D)	5 468	(D)	(D)	202
518	518	Beer, wine, and distilled alcoholic beverages -----	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	509 pt.	Miscellaneous nondurable goods -----	7	12	(D)	58 460	(D)	(D)	3 312	(D)	(D)	155
	519	Miscellaneous durable goods -----	-	(NA)	-	(NA)	(NA)	-	(NA)	(NA)	(D)	(NA)
		Miscellaneous nondurable goods -----	7	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)
		Agents, brokers, and commission merchants -----	150	148	539 752	318 078	69.7	12 831	9 185	39.7	674	555
50		Durable goods -----	64	69	(D)	54 782	(D)	(D)	2 972	(D)	(D)	183
501	501 pt.	Motor vehicles and automotive parts and supplies ---	-	-	-	-	-	-	-	-	-	-
502	502	Furniture and homefurnishings -----	5	9	(D)	4 744	(D)	(D)	158	(D)	(D)	19
503	503	Lumber and other construction materials -----	5	8	(D)	3 353	(D)	(D)	443	(D)	(D)	25
504		Sporting, recreational, photographic, and hobby goods, toys and supplies -----	3	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504 pt.		Professional and commercial equipment and supplies -----	-	1	-	(D)	(D)	-	(D)	(D)	-	(D)
	509 pt.	Miscellaneous durable goods -----	3	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	505	Metals and minerals, except petroleum -----	1	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	506	Electrical goods -----	19	17	(D)	19 643	(D)	(D)	835	(D)	(D)	55
508 pt.	508 pt.	Electrical goods -----	18	(NA)	36 411	(NA)	(NA)	1 322	(NA)	(NA)	63	(NA)
		Machinery, equipment, and supplies -----	1	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)
507	507	Hardware, and plumbing and heating equipment and supplies -----	10	8	(D)	9 191	(D)	(D)	672	(D)	(D)	31
508	504 pt.	Machinery, equipment, and supplies -----	14	10	(D)	10 463	(D)	(D)	478	(D)	(D)	19
508 pt.	508 pt.	Professional and commercial equipment and supplies -----	11	3	6 656	(D)	(D)	395	(D)	(D)	15	(D)
		Machinery, equipment, and supplies -----	3	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	509 pt.	Miscellaneous durable goods -----	7	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51		Nondurable goods-----	86	79	(D)	263 296	(D)	(D)	6 213	(D)	(D)	372
511	511	Paper and paper products -----	4	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	512	Drugs, drug proprietaries, and druggists' sundries -----	5	6	(D)	6 644	(D)	(D)	332	(D)	(D)	23
513	513	Apparel, piece goods, and notions -----	11	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	514	Groceries and related products -----	45	48	294 022	231 306	27.1	6 620	4 939	34.0	329	275
515	515	Farm-product raw materials -----	1	-	(D)	-	(X)	(D)	(X)	(D)	(D)	-
516	516	Chemicals and allied products -----	1	-	(D)	-	(X)	(D)	-	(X)	(D)	-
517	517	Petroleum and petroleum products -----	2	-	(D)	-	(X)	(D)	-	(X)	(D)	-
518	518	Beer, wine, and distilled alcoholic beverages -----	3	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	509 pt.	Miscellaneous nondurable goods -----	14	13	(D)	18 514	(D)	(D)	582	(D)	(D)	45
	519	Miscellaneous durable goods -----	1	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)
		Miscellaneous nondurable goods -----	13	(NA)	(D)	(NA)	(NA)	(D)	(NA)	(NA)	(D)	(NA)

Table 4. Summary Statistics Based on 1972 Standard Industrial Classification for Industries Having a Classification Change Between 1972 and 1987 for the State: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For explanation of changes in kind-of-business classifications between 1982 and 1987, also see appendix A.]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
		Wholesale trade -----	1 989	5 359 508	414 496	100 812	20 102	881 940	471 720	518 811
5013	5013	Automotive parts and supplies -----	89	119 135	16 829	3 929	976	33 854	27 453	28 233
5015 pt.		Motor vehicle parts and supplies -----	86	118 760	16 749	3 909	969	33 636	27 390	28 157
	3	Motor vehicle parts, used -----	3	375	80	20	7	218	63	76
5039	5032	Construction materials, n.e.c. -----	43	77 239	7 708	1 729	262	17 692	7 007	8 084
	5033	Brick, stone, and related construction materials -----	15	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5039	Roofing, siding, and insulation materials -----	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5041	5091	Sporting and recreational goods and supplies -----	31	45 707	4 105	1 002	200	9 951	5 990	6 062
5042	5092	Toys and hobby goods and supplies -----	15	11 073	1 070	255	69	2 465	1 165	1 483
5063	5063	Electrical apparatus and equipment, wiring supplies, and construction equipment -----	58	178 260	14 371	3 727	522	27 729	16 674	18 650
	5065 pt.	Electrical apparatus and equipment, wiring supplies, and construction equipment -----	50	165 899	12 254	3 236	442	24 162	15 652	17 482
	5084 pt.	Electrical parts and equipment, n.e.c. -----	3	6 159	688	145	30	1 346	499	853
		Industrial machinery and equipment -----	5	6 202	1 429	346	50	2 221	523	315
5065	5065 pt.	Electronic parts and equipment, n.e.c. -----	30	60 919	7 094	1 754	244	12 334	4 925	4 837
5081	5044	Commercial machines and equipment -----	134	306 944	55 527	13 822	1 982	97 396	25 040	27 495
	5045	Office equipment -----	52	77 996	19 039	4 628	759	30 683	9 490	10 302
	5046	Computers and computer peripheral equipment and software -----	48	189 514	31 264	7 965	930	55 931	9 927	11 516
		Commercial equipment, n.e.c. -----	34	39 434	5 224	1 229	293	10 782	5 623	5 677
5084	5084 pt.	Industrial machinery and equipment -----	45	66 519	8 582	2 139	379	20 110	8 336	11 827
5086	5047	Professional equipment and supplies -----	48	67 382	8 481	2 006	452	16 968	7 377	7 014
	5048	Medical, dental, and hospital equipment and supplies -----	34	52 344	5 871	1 430	271	12 238	4 995	4 580
	5049	Ophthalmic goods -----	8	7 055	1 668	397	129	3 136	568	603
		Professional equipment and supplies, n.e.c. -----	6	7 983	942	179	52	1 594	1 814	1 831
5099	5099 pt.	Durable goods, n.e.c. -----	32	26 004	3 025	625	168	5 993	2 676	2 900
5133	5131 pt.	Piece goods -----	22	38 316	3 791	823	176	8 251	5 361	5 489
5134	5131 pt.	Notions and other dry goods -----	7	8 446	1 074	252	59	2 261	1 212	1 211
5152	5159 pt.	Cotton -----	-	-	-	-	-	-	-	-
5159	5159 pt.	Farm-product raw materials, n.e.c. -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5161	5162	Chemicals and allied products -----	39	105 375	9 792	2 427	398	19 456	8 066	9 409
	5169	Plastics materials and basic forms and shapes -----	12	35 766	5 065	1 252	191	9 619	4 589	5 993
		Chemicals and allied products, n.e.c. -----	27	69 609	4 727	1 175	207	9 837	3 477	3 416
5199	5099 pt.	Nondurable goods, n.e.c. -----	165	267 614	21 426	5 073	1 388	44 619	26 156	27 588
	5192	Durable goods, n.e.c. -----	17	46 604	5 010	1 238	277	8 306	12 807	12 996
	5193	Books, periodicals, and newspapers -----	15	30 268	3 138	775	160	6 132	1 995	1 940
	5199	Flowers, nursery stock, and florists' supplies -----	30	19 872	3 779	922	347	7 636	2 187	2 214
		Nondurable goods, n.e.c. -----	103	170 870	9 499	2 138	604	22 545	9 167	10 438
		Merchant Wholesalers-----	1 709	3 759 690	337 829	81 498	17 572	736 258	415 501	460 365
5013	5013	Automotive parts and supplies -----	88	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5015 pt.	Motor vehicle parts and supplies -----	85	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Motor vehicle parts, used -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	5032	Construction materials, n.e.c. -----	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5033	Brick, stone, and related construction materials -----	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5039	Roofing, siding, and insulation materials -----	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Construction materials, n.e.c. -----	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5041	5091	Sporting and recreational goods and supplies -----	28	41 728	3 983	973	196	9 615	5 990	6 062
5042	5092	Toys and hobby goods and supplies -----	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5063	5063	Electrical apparatus and equipment, wiring supplies, and construction equipment -----	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5065 pt.	Electrical apparatus and equipment, wiring supplies, and construction equipment -----	31	104 644	9 853	2 613	353	18 948	14 926	16 536
	5084 pt.	Electrical parts and equipment, n.e.c. -----	3	6 159	688	145	30	1 346	499	853
		Industrial machinery and equipment -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5065	5065 pt.	Electronic parts and equipment, n.e.c. -----	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5081	5044	Commercial machines and equipment -----	110	155 887	27 450	6 702	1 313	52 705	16 866	19 617
	5045	Office equipment -----	43	42 681	10 354	2 558	543	18 522	6 213	7 796
	5046	Computers and computer peripheral equipment and software -----	34	73 809	11 874	2 916	478	23 404	5 031	6 145
		Commercial equipment, n.e.c. -----	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5084	5084 pt.	Industrial machinery and equipment -----	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5086	5047	Professional equipment and supplies -----	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5048	Medical, dental, and hospital equipment and supplies -----	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5049	Ophthalmic goods -----	8	7 055	1 668	397	129	3 136	568	603
		Professional equipment and supplies, n.e.c. -----	6	7 983	942	179	52	1 594	1 814	1 831
5099	5099 pt.	Durable goods, n.e.c. -----	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5133	5131 pt.	Piece goods -----	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5134	5131 pt.	Notions and other dry goods -----	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5152	5159 pt.	Cotton -----	-	-	-	-	-	-	-	-
5159	5159 pt.	Farm-product raw materials, n.e.c. -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5161	5162	Chemicals and allied products -----	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5169	Plastics materials and basic forms and shapes -----	12	35 766	5 065	1 252	191	9 619	4 589	5 993
		Chemicals and allied products, n.e.c. -----	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 4. Summary Statistics Based on 1972 Standard Industrial Classification for Industries Having a Classification Change Between 1972 and 1987 for the State: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For explanation of changes in kind-of-business classifications between 1982 and 1987, also see appendix A.]

1972 SIC code	1987 SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1986 inventories (\$1,000)	End-of-1987 inventories (\$1,000)
		Merchant Wholesalers—Con.								
5199	5099 pt.	Nondurable goods, n.e.c. -----	150	165 585	20 685	4 902	1 347	42 378	26 155	27 587
		Durable goods, n.e.c. -----	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5192	Books, periodicals, and newspapers -----	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5193	Flowers, nursery stock, and florists' supplies -----	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	5199	Nondurable goods, n.e.c. -----	94	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Manufacturer's sales branches and offices -----	130	1 060 066	63 836	16 378	1 856	119 355	54 746	56 777
501	501 pt.	Motor vehicles and automotive parts and supplies -----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	504 pt.	Sporting, recreational, photographic and hobby goods, toys and supplies -----	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	509 pt.	Professional and commercial equipment and supplies -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Miscellaneous durable goods -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	506	Electrical goods -----	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	508 pt.	Electrical goods -----	8	70 102	6 766	1 703	182	12 709	5 686	6 648
		Machinery, equipment, and supplies -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	504 pt.	Machinery, equipment, and supplies -----	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	508 pt.	Professional and commercial equipment and supplies -----	24	165 486	28 973	7 329	706	46 916	9 540	9 335
509	509 pt.	Machinery, equipment, and supplies -----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	509 pt.	Miscellaneous durable goods -----	—	—	—	—	—	—	—	—
	519	Miscellaneous nondurable goods -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Miscellaneous durable goods -----	—	—	—	—	—	—	—	—
		Miscellaneous nondurable goods -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Agents, brokers, and commission merchants -----	150	539 752	12 831	2 936	674	26 327	1 473	1 669
501	501 pt.	Motor vehicles and automotive parts and supplies -----	—	—	—	—	—	—	—	—
504	504 pt.	Sporting, recreational, photographic and hobby goods, toys and supplies -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	509 pt.	Professional and commercial equipment and supplies -----	—	—	—	—	—	—	—	—
		Miscellaneous durable goods -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	506	Electrical goods -----	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	508 pt.	Electrical goods -----	18	36 411	1 322	339	63	2 799	107	116
		Machinery, equipment, and supplies -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	504 pt.	Machinery, equipment, and supplies -----	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	508 pt.	Professional and commercial equipment and supplies -----	11	6 656	395	85	15	759	10	12
		Machinery, equipment, and supplies -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	509 pt.	Miscellaneous durable goods -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	509 pt.	Miscellaneous nondurable goods -----	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	519	Miscellaneous durable goods -----	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
		Miscellaneous nondurable goods -----	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 5. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F.]

Geographic area	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Other operating types		
					Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	
Hawaii	1 998	5 362 490	415 114	20 157	1 718	3 762 672	338 447	17 627	280	1 599 818
Hawaii County										
Hilo	191	347 224	26 393	1 534	171	269 888	23 740	1 410	20	77 336
Kailua	116	275 949	20 491	1 144	102	204 498	18 093	1 033	14	71 451
Balance of county	36	33 323	2 749	162	32	(D)	(D)	(D)	4	(D)
Honolulu County ▲	1 577	4 501 802	357 469	16 907	1 340	3 127 947	286 628	14 648	237	1 373 855
Ahuimanu	—	—	—	—	—	—	—	—	2	(D)
Aiea	67	172 664	16 654	749	61	144 516	11 666	627	6	28 148
Ewa Beach	—	—	—	—	—	—	—	—	1	(D)
Hauula	13	27 206	3 346	127	12	(D)	(D)	(D)	—	—
Heeia	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
Hickam Housing	—	—	—	—	—	—	—	—	—	—
Honolulu	1 293	3 816 710	297 270	14 266	1 095	2 621 357	237 431	12 362	198	1 195 353
Iroquois Point	—	—	—	—	—	—	—	—	—	—
Kahaluu	1	(D)	(D)	(D)	1	(D)	(D)	(D)	—	—

Table 5. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

Geographic area	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
Hawaii—Con.										
Honolulu County ▲—Con.										
Kailua	31	21 399	2 269	105	27	16 189	2 153	100	4	5 210
Kaneohe	24	14 315	1 613	97	21	12 606	1 558	93	3	1 709
Laie	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Maili	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Makaha	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Makakilo City	-	-	-	-	-	-	-	-	-	-
Maunawili	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Mililani Town	6	5 540	157	13	4	(D)	(D)	(D)	2	(D)
Mokapu	-	-	-	-	-	-	-	-	-	-
Nanakuli	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Pearl City	40	117 864	8 160	376	33	46 125	5 313	254	7	71 739
Schofield Barracks	-	-	-	-	-	-	-	-	-	-
Wahiawa	6	976	87	6	6	976	87	6	-	-
Waialua	-	-	-	-	-	-	-	-	-	-
Waianae	5	5 649	396	22	3	(D)	(D)	(D)	2	(D)
Waimanalo	4	2 954	210	18	4	2 954	210	18	-	-
Waimanalo Beach	-	-	-	-	-	-	-	-	-	-
Waipahu	49	135 071	9 554	428	41	103 325	8 080	383	8	31 746
Waipio Acres	-	-	-	-	-	-	-	-	-	-
Balance of county	30	171 278	17 086	661	25	139 859	15 846	617	5	31 419
Kauai County	73	124 882	8 389	506	64	96 221	7 449	461	9	28 661
Hanamaulu	-	-	-	-	-	-	-	-	-	-
Kalaheo	4	2 125	269	23	4	2 125	269	23	-	-
Kapaa	8	6 928	764	73	7	(D)	(D)	(D)	1	(D)
Kekaha	-	-	-	-	-	-	-	-	-	-
Lihue	43	85 106	5 811	317	38	(D)	(D)	(D)	5	(D)
Balance of county	18	30 723	1 545	93	15	(D)	(D)	(D)	3	(D)
Maui County ▲	157	388 582	22 863	1 210	143	268 616	20 630	1 108	14	119 966
Island Of Lanai ▲	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Island Of Molokai ▲	5	3 047	129	7	4	(D)	(D)	(D)	1	(D)
Kahului	73	260 544	12 828	611	67	164 568	11 425	565	6	95 976
Kihei	3	749	116	7	3	749	116	7	-	-
Lahaina	9	4 778	549	37	9	4 778	549	37	-	-
Makawao	4	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)
Pukalani	-	-	-	-	-	-	-	-	-	-
Wailuku	42	77 007	6 766	421	39	(D)	(D)	(D)	3	(D)
Balance of county	20	(D)	(D)	(D)	18	23 693	2 040	101	2	(D)

Table 6. Summary Statistics for Places With 200 Establishments or More: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

1987 SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
HONOLULU											
	Wholesale trade	1 293	3 816 710	297 270	14 266	1 095	2 621 357	237 431	12 362	198	1 195 353
50	Durable goods	712	1 676 778	175 082	7 654	617	1 310 787	135 509	6 546	95	365 991
501	Motor vehicles and motor vehicle parts and supplies	69	330 583	17 763	1 006	66	(D)	(D)	(D)	3	(D)
5012	Automobiles and other motor vehicles	6	253 688	5 979	276	6	253 688	5 979	276	-	-
5013	Motor vehicle supplies and new parts	50	61 487	9 419	598	49	(D)	(D)	(D)	1	(D)
5014	Tires and tubes	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
5015	Motor vehicle parts, used	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
502	Furniture and home furnishings	54	63 658	8 259	412	49	(D)	(D)	(D)	5	(D)
5021	Furniture	24	(D)	(D)	(D)	24	(D)	(D)	(D)	-	-
5023	Home furnishings	30	(D)	(D)	(D)	25	(D)	(D)	(D)	5	(D)
503	Lumber and other construction materials	40	97 501	11 868	409	34	(D)	(D)	(D)	6	(D)
5031	Lumber, plywood, millwork, and wood panels	17	47 616	5 828	222	15	(D)	(D)	(D)	2	(D)
5032	Brick, stone, and related construction materials	6	13 955	1 571	62	5	(D)	(D)	(D)	1	(D)
5033	Roofing, siding, and insulation materials	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
5039	Construction materials, n.e.c.	13	(D)	(D)	(D)	10	(D)	(D)	(D)	3	(D)

Table 6. Summary Statistics for Places With 200 Establishments or More: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F.]

1987 SIC code	Geographic area and kind of business	Establish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establish- ments (number)	Sales (\$1,000)
	HONOLULU—Con.										
50	Durable goods—Con.										
504	Professional and commercial equipment and supplies	146	383 684	61 313	2 291	117	187 841	31 760	1 571	29	195 843
5043	Photographic equipment and supplies	10	(D)	(D)	(D)	9	(D)	(D)	(D)	1	(D)
5044	Office equipment	35	67 502	16 577	627	27	(D)	(D)	(D)	8	(D)
5045	Computers and computer peripheral equipment and software	36	(D)	(D)	(D)	25	63 267	10 242	400	11	(D)
5046	Commercial equipment, n.e.c.	27	(D)	(D)	(D)	26	(D)	(D)	(D)	1	(D)
5047	Medical, dental, and hospital equipment and supplies	26	41 780	4 725	227	18	(D)	(D)	(D)	8	(D)
5048	Ophthalmic goods	7	(D)	(D)	(D)	7	(D)	(D)	(D)	—	(D)
5049	Professional equipment and supplies, n.e.c.	5	(D)	(D)	(D)	5	(D)	(D)	(D)	—	(D)
505	Metals and minerals, except petroleum	13	36 532	3 129	125	11	(D)	(D)	(D)	2	(D)
5051	Metals service centers and offices	13	36 532	3 129	125	11	(D)	(D)	(D)	2	(D)
5052	Coal and other minerals and ores	—	—	—	—	—	—	—	—	—	—
506	Electrical goods	84	310 053	24 212	956	64	228 310	20 553	813	20	81 743
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	34	144 900	11 071	377	20	90 663	8 861	297	14	54 237
5064	Electrical appliances, television and radio sets	25	(D)	(D)	(D)	22	97 236	8 874	369	3	(D)
5065	Electronic parts and equipment, n.e.c.	25	(D)	(D)	(D)	22	40 411	2 818	147	3	(D)
507	Hardware, and plumbing and heating equipment and supplies	64	126 633	12 430	529	51	(D)	(D)	(D)	13	(D)
5072	Hardware	30	(D)	(D)	(D)	24	42 920	5 282	238	6	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	17	(D)	(D)	(D)	11	(D)	(D)	(D)	6	8 958
5075	Warm air heating and air-conditioning equipment and supplies	7	(D)	(D)	(D)	6	(D)	(D)	(D)	1	(D)
5078	Refrigeration equipment and supplies	10	(D)	(D)	(D)	10	(D)	(D)	(D)	—	(D)
508	Machinery, equipment, and supplies	89	139 491	18 425	851	81	(D)	(D)	(D)	8	(D)
5082	Construction and mining (except petroleum) machinery and equipment	2	(D)	(D)	(D)	2	(D)	(D)	(D)	—	(D)
5083	Farm and garden machinery and equipment	5	(D)	(D)	(D)	4	(D)	(D)	(D)	1	(D)
5084	Industrial machinery and equipment	38	52 819	7 639	329	34	47 278	6 766	294	4	5 541
5085	Industrial supplies	25	(D)	(D)	(D)	22	(D)	(D)	(D)	3	(D)
5087	Service establishment equipment and supplies	14	(D)	(D)	(D)	14	(D)	(D)	(D)	—	(D)
5088	Transportation equipment and supplies, except motor vehicles	5	(D)	(D)	(D)	5	(D)	(D)	(D)	—	(D)
509	Miscellaneous durable goods	153	188 643	17 683	1 075	144	(D)	(D)	(D)	9	(D)
5091	Sporting and recreational goods and supplies	20	(D)	(D)	(D)	17	(D)	(D)	(D)	3	3 979
5092	Toys and hobby goods and supplies	11	(D)	(D)	(D)	11	(D)	(D)	(D)	—	(D)
5093	Scrap and waste materials	12	(D)	(D)	(D)	10	(D)	(D)	(D)	2	(D)
5094	Jewelry, watches, precious stones, and precious metals	76	75 237	5 940	415	75	(D)	(D)	(D)	1	(D)
5099	Durable goods, n.e.c.	34	62 954	6 927	378	31	(D)	(D)	(D)	3	(D)
51	Nondurable goods	581	2 139 932	122 188	6 612	478	1 310 570	101 922	5 816	103	829 362
511	Paper and paper products	48	170 407	12 727	677	38	(D)	(D)	(D)	10	(D)
5111	Printing and writing paper	3	(D)	(D)	(D)	3	(D)	(D)	(D)	—	(D)
5112	Stationery and office supplies	26	(D)	(D)	(D)	21	(D)	(D)	(D)	5	(D)
5113	Industrial and personal service paper	19	(D)	(D)	(D)	14	(D)	(D)	(D)	5	46 735
512	Drugs, drug proprietaries, and druggists' sundries	27	91 307	5 619	342	23	80 098	4 718	287	4	11 209
5122	Drugs, drug proprietaries, and druggists' sundries	27	91 307	5 619	342	23	80 098	4 718	287	4	11 209
513	Apparel, piece goods, and notions	79	(D)	(D)	(D)	67	(D)	(D)	(D)	12	(D)
5131	Piece goods, notions, and other dry goods	22	(D)	(D)	(D)	20	36 931	3 579	181	2	(D)
5136	Men's and boys' clothing and furnishings	16	22 241	2 119	91	15	(D)	(D)	(D)	1	(D)
5137	Women's, children's and infants' clothing and accessories	32	(D)	(D)	(D)	24	(D)	(D)	(D)	8	6 345 (D)
5139	Footwear	9	(D)	(D)	(D)	8	(D)	(D)	(D)	1	(D)
514	Groceries and related products	238	959 571	50 779	2 969	192	611 377	42 054	2 586	46	348 194
5141	Groceries, general line	26	(D)	(D)	(D)	21	67 472	3 661	195	5	(D)
5142	Packaged frozen foods	32	157 644	7 618	409	26	(D)	(D)	(D)	6	(D)
5143	Dairy products, except dried or canned	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
5144	Poultry and poultry products	8	(D)	(D)	(D)	5	(D)	(D)	(D)	3	(D)
5145	Confectionery	16	26 624	2 561	179	13	(D)	(D)	(D)	3	(D)
5146	Fish and seafoods	31	(D)	(D)	(D)	28	(D)	(D)	(D)	3	(D)
5147	Meats and meat products	28	(D)	(D)	(D)	20	(D)	(D)	(D)	8	(D)
5148	Fresh fruits and vegetables	36	(D)	(D)	(D)	34	(D)	(D)	(D)	2	64 028
5149	Groceries and related products, n.e.c.	52	184 655	8 905	516	38	51 843	5 807	401	14	132 812
515	Farm-product raw materials	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
5153	Grain and field beans	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5154	Livestock	1	(D)	(D)	(D)	1	(D)	(D)	(D)	—	(D)
5155	Farm-product raw materials, n.e.c.	2	(D)	(D)	(D)	2	(D)	(D)	(D)	—	(D)
516	Chemicals and allied products	24	(D)	(D)	(D)	20	(D)	(D)	(D)	4	(D)
5162	Plastics materials and basic forms and shapes	10	(D)	(D)	(D)	10	(D)	(D)	(D)	4	(D)
5169	Chemicals and allied products, n.e.c.	14	(D)	(D)	(D)	10	(D)	(D)	(D)	4	(D)
517	Petroleum and petroleum products	18	298 718	6 810	223	10	72 125	3 562	127	8	226 593
5171	Petroleum bulk stations and terminals	6	(D)	(D)	(D)	2	(D)	(D)	(D)	4	(D)
5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	12	(D)	(D)	(D)	8	(D)	(D)	(D)	4	(D)
518	Beer, wine, and distilled alcoholic beverages	16	(D)	(D)	(D)	12	(D)	(D)	(D)	4	(D)
5181	Beer and ale	3	(D)	(D)	(D)	3	(D)	(D)	(D)	4	(D)
5182	Wine and distilled alcoholic beverages	13	(D)	(D)	(D)	9	(D)	(D)	(D)	4	(D)

Table 6. Summary Statistics for Places With 200 Establishments or More: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

1987 SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	HONOLULU—Con.										
51	Nondurable goods—Con.										
519	Miscellaneous nondurable goods	125	260 783	16 812	1 062	111	(D)	(D)	(D)	14	(D)
5191	Farm supplies	15	14 273	726	39	14	(D)	(D)	(D)	1	(D)
5192	Books, periodicals, and newspapers	9	(D)	(D)	(D)	6	(D)	(D)	(D)	3	(D)
5193	Flowers, nursery stock, and florists' supplies	18	(D)	(D)	(D)	16	11 159	2 013	188	2	(D)
5194	Tobacco and tobacco products	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5198	Paints, varnishes, and supplies	12	(D)	(D)	(D)	11	(D)	(D)	(D)	1	(D)
5199	Nondurable goods, n.e.c.	68	159 516	7 945	497	62	(D)	(D)	(D)	6	(D)

Table 7. Summary Statistics for Counties With 200 Establishments or More: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

1987 SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	HONOLULU COUNTY (Coextensive with Honolulu, HI MSA; see table 8.)										

Table 8. Summary Statistics for Metropolitan Statistical Areas: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For definitions of CMSA's, MSA's, and PMSA's, see appendix D]

1987 SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	HONOLULU, HI MSA										
	Wholesale trade	1 577	4 501 802	357 469	16 907	1 340	3 127 947	286 628	14 648	237	1 373 855
50	Durable goods	873	2 022 508	213 899	9 156	759	(D)	(D)	(D)	114	(D)
501	Motor vehicles and motor vehicle parts and supplies	97	381 338	23 038	1 259	93	(D)	(D)	(D)	4	(D)
5012	Automobiles and other motor vehicles	10	(D)	(D)	(D)	10	(D)	(D)	(D)	-	(D)
5013	Motor vehicle supplies and new parts	69	97 469	13 437	807	68	(D)	(D)	(D)	1	(D)
5014	Tires and tubes	9	(D)	(D)	(D)	6	(D)	(D)	(D)	3	(D)
5015	Motor vehicle parts, used	9	2 711	560	48	9	2 711	560	48	-	-
502	Furniture and homefurnishings	66	(D)	(D)	(D)	59	(D)	(D)	(D)	7	25 813
5021	Furniture	24	(D)	(D)	(D)	24	(D)	(D)	(D)	-	-
5023	Homefurnishings	42	(D)	(D)	(D)	35	(D)	(D)	(D)	7	25 813
503	Lumber and other construction materials	54	153 411	16 647	603	47	140 137	15 724	561	7	13 274
5031	Lumber, plywood, millwork, and wood panels	24	95 415	9 930	385	22	(D)	(D)	(D)	2	(D)
5032	Brick, stone, and related construction materials	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
5033	Roofing, siding, and insulation materials	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	(D)
5039	Construction materials, n.e.c.	17	30 507	3 152	123	14	(D)	(D)	(D)	3	(D)
504	Professional and commercial equipment and supplies	169	413 198	65 104	2 452	135	(D)	(D)	(D)	34	(D)
5043	Photographic equipment and supplies	11	53 649	3 713	168	10	(D)	(D)	(D)	1	(D)
5044	Office equipment	41	71 756	17 715	679	32	36 441	9 030	463	9	35 315
5045	Computers and computer peripheral equipment and software	42	186 855	30 589	895	30	(D)	(D)	(D)	12	(D)
5046	Commercial equipment, n.e.c.	29	(D)	(D)	(D)	28	34 300	4 679	262	1	(D)
5047	Medical, dental, and hospital equipment and supplies	33	(D)	(D)	(D)	22	(D)	(D)	(D)	11	(D)
5048	Ophthalmic goods	7	(D)	(D)	(D)	7	(D)	(D)	(D)	-	(D)
5049	Professional equipment and supplies, n.e.c.	6	7 983	942	52	6	7 983	942	52	-	-
505	Metals and minerals, except petroleum	15	(D)	(D)	(D)	13	(D)	(D)	(D)	2	(D)
5051	Metals service centers and offices	15	(D)	(D)	(D)	13	(D)	(D)	(D)	2	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-	-	-

Table 8. Summary Statistics for Metropolitan Statistical Areas: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For definitions of CMSA's, MSA's, and PMSA's, see appendix D.]

1987 SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
HONOLULU, HI MSA—Con.											
50	Durable goods—Con.										
506	Electrical goods	100	354 887	29 947	1 107	75	(D)	(D)	(D)	25	(D)
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	40	(D)	(D)	(D)	22	(D)	(D)	(D)	18	(D)
5064	Electrical appliances, television and radio sets	31	(D)	(D)	(D)	28	(D)	(D)	(D)	3	(D)
5065	Electronic parts and equipment, n.e.c.	29	(D)	(D)	(D)	25	(D)	(D)	(D)	4	(D)
507	Hardware, and plumbing and heating equipment and supplies	78	150 902	15 158	634	63	124 062	13 462	582	15	26 840
5072	Hardware	34	(D)	(D)	(D)	27	(D)	(D)	(D)	7	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	25	65 676	5 668	257	19	56 718	5 334	238	6	8 958
5075	Warm air heating and air-conditioning equipment and supplies	8	21 693	1 512	(D)	6	(D)	(D)	(D)	2	(D)
5078	Refrigeration equipment and supplies	11	(D)	(D)	(D)	11	(D)	(D)	(D)	-	(D)
508	Machinery, equipment, and supplies	110	206 257	28 460	1 191	102	(D)	(D)	(D)	8	(D)
5082	Construction and mining (except petroleum)										
5083	Machinery and equipment	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	(D)
5084	Farm and garden machinery and equipment	8	(D)	(D)	(D)	7	11 637	1 273	66	1	(D)
5085	Industrial machinery and equipment	46	(D)	(D)	(D)	42	(D)	(D)	(D)	4	5 541
5087	Industrial supplies	30	50 057	7 001	(D)	27	(D)	(D)	(D)	3	(D)
5088	Service establishment equipment and supplies	18	(D)	(D)	(D)	18	(D)	(D)	(D)	-	(D)
	Transportation equipment and supplies, except motor vehicles	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
509	Miscellaneous durable goods	184	220 387	20 536	1 219	172	207 732	20 117	1 194	12	12 655
5091	Sporting and recreational goods and supplies	28	44 877	3 976	190	25	40 898	3 854	186	3	3 979
5092	Toys and hobby goods and supplies	14	(D)	(D)	(D)	13	(D)	(D)	(D)	1	(D)
5093	Scrap and waste materials	17	(D)	(D)	(D)	15	(D)	(D)	(D)	2	(D)
5094	Jewelry, watches, precious stones, and precious metals	81	81 170	6 610	446	79	(D)	(D)	(D)	2	(D)
5099	Durable goods, n.e.c.	44	(D)	(D)	(D)	40	(D)	(D)	(D)	4	3 505
51	Nondurable goods	704	2 479 294	143 570	7 751	581	(D)	(D)	(D)	123	(D)
511	Paper and paper products	54	181 052	14 063	718	44	(D)	(D)	(D)	10	(D)
5111	Printing and writing paper	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	(D)
5112	Stationery and office supplies	27	(D)	(D)	(D)	22	(D)	(D)	(D)	5	(D)
5113	Industrial and personal service paper	22	92 297	4 763	267	17	45 562	4 196	246	5	46 735
512	Drugs, drug proprietaries, and druggists' sundries	35	128 488	7 179	432	28	108 019	5 824	337	7	20 469
5122	Drugs, drug proprietaries, and druggists' sundries	35	128 488	7 179	432	28	108 019	5 824	337	7	20 469
513	Apparel, piece goods, and notions	96	141 297	12 373	699	84	(D)	(D)	(D)	12	(D)
5131	Piece goods, notions, and other dry goods	25	(D)	(D)	(D)	23	(D)	(D)	(D)	2	(D)
5136	Men's and boys' clothing and furnishings	25	(D)	(D)	(D)	24	(D)	(D)	(D)	1	(D)
5137	Women's, children's and infants' clothing and accessories	35	61 324	4 208	260	27	54 979	3 961	240	8	6 345
5139	Footwear	11	7 942	864	74	10	(D)	(D)	(D)	1	(D)
514	Groceries and related products	274	1 120 528	58 343	3 418	219	698 044	47 616	2 963	55	422 484
5141	Groceries, general line	29	129 542	5 661	328	24	(D)	(D)	(D)	5	(D)
5142	Packaged frozen foods	34	(D)	(D)	(D)	27	(D)	(D)	(D)	7	57 063
5143	Dairy products, except dried or canned	15	(D)	(D)	(D)	9	(D)	(D)	(D)	6	(D)
5144	Poultry and poultry products	10	(D)	(D)	(D)	7	14 480	991	108	3	(D)
5145	Confectionery	19	41 609	4 053	251	15	(D)	(D)	(D)	4	(D)
5146	Fish and seafoods	32	67 946	4 232	310	29	(D)	(D)	(D)	3	(D)
5147	Meats and meat products	30	226 534	11 096	524	22	162 506	8 987	423	8	64 028
5148	Fresh fruits and vegetables	38	144 177	10 496	687	36	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c.	67	247 988	12 308	695	50	(D)	(D)	(D)	17	(D)
515	Farm-product raw materials	7	(D)	(D)	(D)	6	(D)	(D)	(D)	1	(D)
5153	Grain and field beans	3	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)
5154	Livestock	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	(D)
5159	Farm-product raw materials, n.e.c.	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
516	Chemicals and allied products	32	101 366	9 202	366	25	(D)	(D)	(D)	7	(D)
5162	Plastics materials and basic forms and shapes	11	(D)	(D)	(D)	11	(D)	(D)	(D)	-	(D)
5169	Chemicals and allied products, n.e.c.	21	(D)	(D)	(D)	14	(D)	(D)	(D)	7	(D)
517	Petroleum and petroleum products	26	326 101	8 118	263	15	83 726	4 598	155	11	242 375
5171	Petroleum bulk stations and terminals	11	236 323	5 492	188	4	(D)	(D)	(D)	7	(D)
5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	15	89 778	2 626	75	11	(D)	(D)	(D)	4	(D)
518	Beer, wine, and distilled alcoholic beverages	19	(D)	(D)	(D)	15	(D)	(D)	(D)	4	(D)
5181	Beer and ale	6	120 476	8 880	347	6	120 476	8 880	(D)	4	(D)
5182	Wine and distilled alcoholic beverages	13	(D)	(D)	(D)	9	(D)	(D)	(D)	4	(D)
519	Miscellaneous nondurable goods	161	282 854	19 550	1 269	145	(D)	(D)	(D)	16	(D)
5191	Farm supplies	26	22 386	1 777	131	25	(D)	(D)	(D)	1	(D)
5192	Books, periodicals, and newspapers	13	(D)	(D)	(D)	10	(D)	(D)	(D)	3	(D)
5193	Flowers, nursery stock, and florists' supplies	20	(D)	(D)	(D)	18	11 643	2 112	196	2	(D)
5194	Tobacco and tobacco products	4	(D)	(D)	(D)	3	(D)	(D)	(D)	1	(D)
5198	Paints, varnishes, and supplies	13	(D)	(D)	(D)	12	(D)	(D)	(D)	1	(D)
5199	Nondurable goods, n.e.c.	85	165 492	8 724	559	77	(D)	(D)	(D)	8	(D)

Table 9. Summary Statistics for the Area Outside Metropolitan Statistical Areas: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For definitions of CMSA's, MSA's, and PMSA's, see appendix D]

1987 SIC code	Kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	Wholesale trade -----	421	860 688	57 645	3 250	378	634 725	51 819	2 979	43	225 963
50	Durable goods -----	165	179 471	20 853	1 070	161	(D)	(D)	(D)	4	(D)
501	Motor vehicles and motor vehicle parts and supplies -----	24	27 702	4 250	222	24	27 702	4 250	222	-	-
502	Furniture and homefurnishings -----	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
503	Lumber and other construction materials -----	28	64 509	6 036	264	28	64 509	6 036	264	-	-
504	Professional and commercial equipment and supplies -----	24	14 777	2 617	150	22	(D)	(D)	(D)	2	(D)
505	Metals and minerals, except petroleum -----	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
506	Electrical goods -----	16	12 119	1 223	70	15	(D)	(D)	(D)	1	(D)
507	Hardware, and plumbing and heating equipment and supplies -----	15	13 480	1 528	67	15	13 480	1 528	67	-	-
508	Machinery, equipment, and supplies -----	34	35 133	3 434	176	33	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods -----	18	6 109	1 160	76	18	6 109	1 160	76	-	-
51	Nondurable goods -----	256	681 217	36 792	2 180	217	(D)	(D)	(D)	39	(D)
511	Paper and paper products -----	15	22 549	2 407	130	11	(D)	(D)	(D)	4	(D)
512	Drugs, drug proprietaries, and druggists' sundries -----	5	5 252	508	30	5	5 252	508	30	-	-
513	Apparel, piece goods, and notions -----	12	5 508	626	48	11	(D)	(D)	(D)	1	(D)
514	Groceries and related products -----	114	333 345	19 360	1 259	100	239 913	17 035	1 133	14	93 432
515	Farm-product raw materials -----	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
516	Chemicals and allied products -----	7	4 009	590	32	4	(D)	(D)	(D)	3	(D)
517	Petroleum and petroleum products -----	24	142 593	3 084	117	11	44 196	1 827	80	13	98 397
518	Bear, wine, and distilled alcoholic beverages -----	22	(D)	(D)	(D)	22	(D)	(D)	(D)	-	-
519	Miscellaneous nondurable goods -----	54	87 319	5 610	367	50	(D)	(D)	(D)	4	(D)

Table 10. Places With 2,500 Inhabitants or More Ranked by Volume of Sales: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Hawaii-----	(X)	5 362 490	5 362 490	100.0	Hawaii—Con.				
Honolulu-----	1	3 816 710	3 816 710	71.2	Kihei-----	21	749	5 069 904	94.5
Hilo-----	2	275 949	4 092 659	76.3	Pukalani-----	22	(D)	5 069 904	94.5
Kahului-----	3	260 544	4 353 203	81.2	Hanamaulu-----	23	(D)	5 069 904	94.5
Aiea-----	4	172 664	4 525 867	84.4	Waipio Acres-----	24	(D)	5 069 904	94.5
Waipahu-----	5	135 071	4 660 938	86.9	Keekaha-----	25	(D)	5 069 904	94.5
Pearl City-----	6	117 864	4 778 802	89.1	Schofield Barracks-----	26	(D)	5 069 904	94.5
Lihue-----	7	85 106	4 863 908	90.7	Waimanalo Beach-----	27	(D)	5 069 904	94.5
Wailuku-----	8	77 007	4 940 915	92.1	Waialua-----	28	(D)	5 069 904	94.5
Kailua (Hawaii County)-----	9	33 323	4 974 238	92.8	Mokapu-----	29	(D)	5 069 904	94.5
Ewa Beach-----	10	27 206	5 001 444	93.3	Makakilo City-----	30	(D)	5 069 904	94.5
Kailua (Honolulu County)-----	11	21 399	5 022 843	93.7	Iroquois Point-----	31	(D)	5 069 904	94.5
Kaneohe-----	12	14 315	5 037 158	93.9	Hauula-----	32	(D)	5 069 904	94.5
Kapaa-----	13	6 928	5 044 086	94.1	Hickam Housing-----	33	(D)	5 069 904	94.5
Waianae-----	14	5 649	5 049 735	94.2	Ahuimanu-----	34	(D)	5 069 904	94.5
Milliani Town-----	15	5 540	5 055 275	94.3	Ewa-----	35	(D)	5 069 904	94.5
Lahaina-----	16	4 778	5 060 053	94.4	(X)	(X)	(X)	(X)	(X)
Island Of Molokai ▲-----	17	3 047	5 063 100	94.4	Makaha-----	(X)	(D)	(X)	(X)
Waimanalo-----	18	2 954	5 066 054	94.5	Makawao-----	(X)	(D)	(X)	(X)
Kalaheo-----	19	2 125	5 068 179	94.5	Maunawili-----	(X)	(D)	(X)	(X)
Wahiawa-----	20	976	5 069 155	94.5	Nanakuli-----	(X)	(D)	(X)	(X)

¹Places with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

Table 11. Counties Ranked by Volume of Sales: 1987

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Hawaii.....	(X)	5 362 490	5 362 490	100.0	Hawaii—Con.				
Honolulu ▲.....	1	4 501 802	4 501 802	83.9	Hawaii				
Maui ▲.....	2	388 582	4 890 384	91.2	Kauai.....	3	347 224	5 237 608	97.7
						4	124 882	5 362 490	100.0

¹Counties with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

APPENDIX A.

General Explanation

CENSUS COVERAGE AND METHODOLOGY

Structure and method of enumeration—All wholesale firms that had at least one quarter of payroll in 1987 were included in the census of wholesale trade and were mailed either a regular census form or a short form designed to collect basic data and classification information only. The coverage and the method of obtaining census information from each follow:

1. Large companies, i.e., all multiunit firms and all single unit firms above the payroll size cutoff established to separate large from small employers, and a 10-percent sample of the small employers were mailed the appropriate 1987 Census of Distributive Trades establishment report forms. Although the payroll cutoff varied by kind of business, small employers generally included firms with one to three employees and represented about 10 percent of total wholesale sales. For the large companies, a report of company organization is conducted periodically to identify firms which operated establishments at more than one location and to obtain information on payroll and mid-March employment at each location. The 1986 Report of Company Organization was used as a coverage check in the census. In the census mailing package containing the appropriate 1987 questionnaires, multiestablishment firms also were sent a form to use in updating the list of establishments with those opened since 1986.
2. Small companies other than those included in the 10-percent sample described above were mailed the short forms, which did not include questions on sales by commodity lines and employment by principal activity.

Method of classifying kinds of business—Establishments receiving the regular census forms were classified on the basis of their answers to questions on sales by commodity lines and other inquiries. Those that received short forms were classified on the basis of their self-designation and answers to other inquiries.

COMPARABILITY OF THE 1982 AND 1987 CENSUSES

The 1982 and 1987 censuses were conducted under similar conditions and procedures except for the following:

Classifications—In 1982, classifications were based on the 1972 Standard Industrial Classification (SIC) Manual and its 1977 Supplement. For 1987, classifications are based on the 1987 SIC Manual.¹ There are major revisions to the SIC structure for 1987 which limit the comparability of data between the 1982 and 1987 censuses. The kinds of business involving the most significant changes for wholesale trade are within SIC major groups 501, 503, 504, 506, 508, 509, 513, 515, 516, and 519. These changes are described in detail in the "Kind-of-Business Classifications" section below and in appendix H.

It was not possible to retabulate 1982 data based on the revised 1987 classifications for comparative purposes since, in many cases, the necessary information was not available for assigning the new 1987 classifications to the 1982 records. However, 1987 census records were assigned both a 1987 and 1982 census classification. Census data for 1987 are presented based on the 1987 classifications for all geographic areas included in this publication (see "Geographic Areas Covered" in the Introduction). In addition, data for the United States and each State are presented for both 1987 and 1982 based on the 1972 classifications in tables 3 and 4 of this publication.

Geographic areas—The boundaries of a number of areas for which data are shown in the 1987 census are not the same as in the 1982 census because of annexations; other boundary changes; and redefinitions of previously defined standard metropolitan statistical areas (SMSA's) and standard consolidated statistical areas (SCSA's) into metropolitan statistical areas (MSA's), primary metropolitan statistical areas (PMSA's), and consolidated metropolitan statistical areas (CMSA's).²

Establishments—In 1982 and prior censuses, the count of establishments (defined below) represented the number

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

²Newly defined metropolitan statistical areas (MSA's) and also certain terminology changes were announced by the Office of Management and Budget (OMB) effective June 30, 1983. The previous term "standard metropolitan statistical area" was shortened to metropolitan statistical area. If an area has more than 1 million population and meets certain other specified requirements, it now is termed a "consolidated metropolitan statistical area" (CMSA) and consists of major components recognized as "primary metropolitan statistical areas" (PMSA's). Many of these PMSA's were formerly recognized as SMSA's and the majority were also included in standard consolidated statistical areas defined by OMB beginning in 1975, each of which consisted of two or more closely associated SMSA's. Metropolitan areas not included in CMSA's are designated simply as metropolitan statistical areas (MSA's).

in business at the end of the year. For 1987, the count of establishments in this publication represents those in business at any time during 1987.

A comparison of the number of establishments in business at the end of the year versus the number active any time during the year for the State as a whole is presented in appendix G.

EXPLANATION OF TERMS

Establishments—An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Census of wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Estimates of this number were derived from a sample and will be provided in the wholesale trade report, *Miscellaneous Subjects* (WC87-S-4). Each wholesale establishment was tabulated according to the physical location at which the business was conducted. The count of establishments in this publication represents the number in business at any time during the year.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted under the same ownership at a single location, and when conditions prescribed by the SIC manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained in the census.

Firms—A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic censuses, the terms "firm" and "company" are synonymous.

Sales—Sales include merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in wholesale trade; receipts from rental or leasing of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer and passed on to the wholesaler.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from total sales. Total sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; and nonoperating income from such sources as investments, rental or sale of real estate, etc.

Sales in this report do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sale of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

Sales figures include sales of all establishments in business at any time during the year. Sales shown for agents and brokers represented the value of the goods involved in the transactions rather than the commissions received or earnings.

Annual payroll—Payroll includes all forms of compensation such as salaries, wages, commissions, bonuses, vacation allowances, sick-leave pay, and the value of payments in kind (e.g., free meals and lodgings) paid during the year to all employees. For corporations, it includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the IRS on form 941.

First quarter payroll—This item consists of payroll, as defined above, paid to persons employed at any time during the quarter January to March 1987.

Paid employees for pay period including March 12—Paid employees consist of the full-time and part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS form 941.

1987 and 1986 inventories—Inventories consist of stocks of merchandise for sale at the end of 1987 and 1986. They were reported on an ownership basis; all merchandise owned by reporting establishments is included, even though some may be held by others for sale on consignment. Goods held by the reporting establishment, but owned by others, are not included. Data for 1987 and 1986 inventories LIFO composition will be published in the 1987 Census of Wholesale Trade *Miscellaneous Subjects* report (WC87-S-4).

Operating expenses—Operating expenses include payroll as well as overhead expenses of the establishment. They do not include the cost of goods sold or income or excise taxes, or withdrawals by proprietors or partners of unincorporated businesses.

Auxiliary establishments—Each company included in the census was asked to identify and report separately those auxiliary locations whose primary functions were to manage, administer, service, or support the activities of the other establishments of the company. Data in this report do not include auxiliary establishments. Data for auxiliaries are presented for more detailed industry breakdowns in a subsequent report issued as part of the 1987 Enterprise Statistics reports.

KIND-OF-BUSINESS CLASSIFICATIONS

Wholesale trade, major groups 50 and 51 in the 1987 SIC manual, includes establishments primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

The principal types of establishments included are:

1. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, drop shippers, retailer cooperative warehouses, terminal elevators, and cooperative buying associations.
2. Manufacturers' sales branches and sales offices (but not retail stores) maintained by manufacturing or mining enterprises apart from their plants or mines for the purpose of marketing their products.
3. Agents, brokers, and commission merchants who buy or sell products owned by others on a commission or agency basis.

Establishments primarily engaged in the wholesale distribution of used products are classified on the basis of the product sold. Establishments primarily engaged in selling merchandise to contractors are included in wholesale trade, with the exception of lumber yards and paint, glass, and wallpaper stores. These exceptions are classified in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors.

Establishments covered by the census were assigned kind-of-business classifications according to the industry classifications defined in the 1972 and 1987 SIC Manuals. Establishments were classified into 1972 SIC based kinds-of-business that were detailed enough to provide a direct conversion to a 1987 SIC based kind of business. Each establishment, therefore, has both a 1972 and a 1987 SIC based kind of business which greatly simplifies tabulations

of bridge tables and comparison tables in this publication. All other State tables and all substate geographic tables use the 1987 SIC based classifications.

Kind-of-business classifications are not interchangeable with commodity classifications, because most businesses sell several kinds of commodities. The kind-of-business code assigned generally reflects either the individual commodity or the commodity group which is the primary source of the establishment's receipts, or some mixture of commodities which characterizes the establishment's business. Thus, the classification of establishments by kind of business does not make it possible to determine either the number of establishments handling a particular commodity or the sales of that commodity. For example, the groceries and related products classification excludes establishments selling food if the sale of food is not the primary source of receipts; moreover, even though establishments are classified as groceries and related products, some of their receipts may be derived from the sale of nonfood products. Information on the extent to which commodities are handled by different kinds of business is available in the 1987 Census of Wholesale Trade report, Commodity Line Sales (WC87-S-3). Descriptions of the 1987 Census of Wholesale Trade kind-of-business classifications follow:

Durable Goods (SIC Major Group 50)

This major group includes establishments primarily engaged in the wholesale distribution of durable goods.

Motor vehicles and motor vehicle parts and supplies (SIC 501)

Automobiles and other motor vehicles (SIC 5012)—Establishments primarily engaged in the wholesale distribution of new and used passenger automobiles, trucks, trailers, and other motor vehicles, including motorcycles, motor homes, and snowmobiles. Automobile distributors primarily engaged in selling at retail to individual customers for personal use, and also selling a limited amount of new and used passenger automobiles and trucks at wholesale, are classified in Retail Trade, Industry 5511.

SIC 5012 is subdivided in some tables into—

1. Automobiles and motorcycles
2. Buses and recreational vehicles
3. Light trucks (14,000 lb or less)
4. Medium and heavy trucks (Over 14,000 lb)

Motor vehicle supplies and new parts (SIC 5013)—Establishments primarily engaged in the wholesale distribution of motor vehicle supplies, accessories, tools, and equipment; and new motor vehicle parts.

SIC 5013 is subdivided in some tables into—

1. Motor vehicle supplies and new parts—warehouse distributors

- a. Motor vehicle supplies and new parts—warehouse distributors (without machine shop).
- b. Motor vehicle supplies and new parts—warehouse distributors (with machine shop).
- 2. Motor vehicle supplies and new parts—jobbers
 - a. Motor vehicle supplies and new parts—jobbers (without machine shop).
 - b. Motor vehicle supplies and new parts—jobbers (with machine shop).
- 3. Petroleum products marketing equipment

Tires and tubes (SIC 5014)—Establishments primarily engaged in the wholesale distribution of tires and tubes for passenger and commercial vehicles.

Motor vehicle parts, used (SIC 5015)—Establishments primarily engaged in the distribution at wholesale or retail of used motor vehicle parts. This industry includes establishments primarily engaged in dismantling motor vehicles for the purpose of selling parts. Establishments primarily engaged in dismantling motor vehicles for scrap are classified in Industry 5093.

Furniture and homefurnishings (SIC 502)

Furniture (SIC 5021)—Establishments primarily engaged in the wholesale distribution of furniture, including bed-springs, mattresses, and other household furniture; office furniture; and furniture for public parks and buildings. Establishments primarily engaged in the wholesale distribution of partitions, shelving, lockers, and store fixtures are classified in Industry 5046.

SIC 5021 is subdivided in some tables into—

1. Household and lawn furniture.
2. Office and business furniture.

Homefurnishings (SIC 5023)—Establishments primarily engaged in the wholesale distribution of homefurnishings and housewares, including antiques; china; glassware and earthenware; lamps (including electric), curtains and draperies; linens and towels; and carpets, linoleum, and all other types of hard and soft surface floor coverings. Establishments primarily engaged in the wholesale distribution of other electrical household goods are classified in Industry 5064, and those distributing precious metal flatware are classified in Industry 5094.

SIC 5023 is subdivided in some tables into—

1. Household china, glassware, and crockery.
2. Linens, domestics, draperies and curtains.
3. Floor coverings.
4. Other homefurnishings.

Lumber and other construction materials (SIC 503)

Lumber, plywood, millwork and wood panels (SIC 5031)—Establishments, with or without yards, primarily engaged in the wholesale distribution of rough, dressed, and finished lumber (but not timber); plywood; reconstituted wood fiber products; doors and windows and their frames (all materials); wood fencing; and other wood or metal millwork.

SIC 5031 is subdivided in some tables into—

1. Lumber—without yard.
2. Lumber—with yard.
3. Plywood, millwork, and wood panels

Brick, Stone, and Related Construction Materials (SIC 5032)—Establishments primarily engaged in the wholesale distribution of stone, cement, lime construction sand, and gravel; brick (except refractory); asphalt and concrete mixtures; and concrete, stone, and structural clay products (other than refractories). Distributors of industrial sand and of refractory materials are classified in Industry 5085. Establishments primarily engaged in producing ready-mixed concrete are classified in Manufacturing, Industry 3273.

Roofing, Siding, and Insulation Materials (SIC 5033)—Establishments primarily engaged in the wholesale distribution of roofing, siding (except wood), and insulation materials.

Construction materials, n.e.c. (SIC 5039)—Establishments primarily engaged in the wholesale distribution of mobile homes and of construction materials, not elsewhere classified, including prefabricated buildings and glass. Establishments selling construction materials to the general public and known as retail in the trade are classified in Retail Trade, Industry 5211. Establishments primarily engaged in marketing heavy structural metal products are classified in Industry 5051.

SIC 5039 is subdivided in some tables into—

1. Flat glass and other construction glass.
2. Other construction materials.

Professional and Commercial Equipment and Supplies (SIC 504)

Photographic equipment and supplies (SIC 5043)—Establishments primarily engaged in the wholesale distribution of photographic equipment and supplies. Establishments primarily engaged in the wholesale distribution of photocopy, microfilm, and similar equipment are classified in Industry 5044.

Office equipment (SIC 5044)—Establishments primarily engaged in the wholesale distribution of office machines and related equipment, including photocopy and microfilm equipment and safes and vaults. These establishments frequently also sell office supplies. However, establishments primarily engaged in wholesaling most office supplies are classified in Industry Group 511. Establishments primarily engaged in wholesaling office furniture are classified in Industry Group 5021; and those wholesaling computers and peripheral equipment are classified in Industry 5045.

Computers and computer peripheral equipment and software (SIC 5045)—Establishments primarily engaged in the wholesale distribution of computers, computer peripheral equipment, and computer software. These establishments frequently also may sell related supplies, but establishments primarily engaged in wholesaling supplies are classified according to the individual product (for example, computer paper in Industry 5112). Establishments primarily engaged in the wholesale distribution of modems and other electronic communications equipment are classified in Industry 5065. Establishments primarily engaged in selling computers and computer peripheral equipment and software for other than business or professional use are classified in Retail Trade, Industry 5734.

SIC 5045 is subdivided in some tables into—

1. Computers and peripheral equipment (selling primarily to business customers).
2. Computer software (prepackaged, off-the-shelf).

Commercial Equipment, n.e.c. (SIC 5046)—Establishments primarily engaged in the wholesale distribution of commercial and related machines and equipment, not elsewhere classified, such as commercial cooking and food service equipment; partitions, shelving, lockers, and store fixtures; electrical signs; and balances and scales, except laboratory.

SIC 5046 is subdivided in some tables into—

1. Restaurant and hotel equipment and supplies.
2. Store machines and equipment.

Medical, dental, and hospital equipment and supplies (SIC 5047)—Establishments primarily engaged in the wholesale distribution of surgical and other medical instruments, apparatus, and equipment; dentist equipment; artificial limbs; operating room and hospital equipment; X-ray machines; and other electromedical equipment and apparatus used by physicians and in hospitals. Also included in this industry are establishments primarily engaged in the wholesale distribution of professional supplies used by medical and dental practitioners.

SIC 5047 is subdivided in some tables into—

1. Medical and hospital equipment
2. Dental supplies

Ophthalmic Goods (SIC 5048)—Establishments primarily engaged in the wholesale distribution of professional equipment and goods used, prescribed, or sold by ophthalmologists, optometrists, and opticians, including ophthalmic frames, lenses, and sunglass lenses.

Professional equipment and supplies, n.e.c. (SIC 5049)—Establishments primarily engaged in the wholesale distribution of professional equipment and supplies, not elsewhere classified, such as drafting instruments, laboratory equipment, and scientific instruments.

SIC 5049 is subdivided in some tables into—

1. Religious and school supplies.
2. Other professional equipment and supplies. Establishments primarily engaged in selling specialty lines of professional equipment and supplies not mentioned above, such as veterinarian equipment and supplies, drafting supplies, and scientific equipment.

Metals and minerals, except petroleum (SIC 505)

Metals service centers and offices (SIC 5051)—Establishments primarily engaged in marketing semifinished metal products; except precious metals. Establishments in this industry may operate with warehouses (metals service centers) or without warehouses (metal sales offices). Establishments primarily engaged in marketing precious metals are classified in Industry 5092.

SIC 5051 is subdivided in some tables into—

1. Ferrous metals service centers and sales offices.
 - a. Ferrous metals service centers.
 - b. Ferrous metals sales offices.
2. Nonferrous metals service centers and sales offices.

Coal and other minerals and ores (SIC 5052)—Establishments primarily engaged in the wholesale distribution of coal and coke; copper, iron, lead, and other metallic ores, including precious metal ores; and crude nonmetallic minerals (including concentrates), except crude petroleum. Establishments primarily engaged in the wholesale distribution of nonmetallic minerals used in construction, such as sand and gravel, are classified in Industry 5032.

SIC 5052 is subdivided in some tables into—

1. Coal.
2. Other minerals and ores.

Electrical goods (SIC 506)

This industry group includes establishments primarily engaged in the wholesale distribution of electrical generating, distributing, and wiring equipment. It also includes household appliances, whether electrically, manually, or

mechanically powered. This industry group does not include electrical commercial and industrial machines, in which electricity does the work directly, e.g., heating, turning a shaft, or ionizing a substance, or electrically powered commercial and industrial machines which are classified in Industry Group 504 or 508.

Electrical apparatus and equipment, wiring supplies, and construction materials (SIC 5063)—Establishments primarily engaged in the wholesale distribution of electrical power equipment for the generation, transmission, distribution, or control of electric energy; electrical construction materials for outside power transmission lines and for electrical systems and electric light fixtures and bulbs. Construction contractors primarily engaged in installing electrical systems and equipment from their own stock are classified in Construction, Industry 1731.

Electrical appliances, television and radio sets (SIC 5064)— Establishments primarily engaged in the wholesale distribution of radio and television receiving sets, other household electronic sound or video equipment, self-contained air-conditioning room units, and household electrical appliances. Also included are establishments primarily engaged in the wholesale distribution of household nonelectronic laundry equipment and refrigerators and freezers.

Electronic parts and equipment, n.e.c. (SIC 5065)—Establishments primarily engaged in the wholesale distribution of electronic parts and electronic communications equipment, not elsewhere classified, such as telephone and telegraph equipment; radio and television broadcasting and communications equipment; and intercommunications equipment. Establishments primarily engaged in the wholesale distribution of radio and television receiving sets, phonographs, and other household sound or video equipment are classified in Industry 5064.

Hardware, and plumbing and heating equipment and supplies (SIC 507)

Hardware (SIC 5072)—Establishments primarily engaged in the wholesale distribution of cutlery and general hardware, including hand saws; saw blades; brads, staples, and tacks; and bolts, nuts, rivets, and screws. Establishments primarily engaged in the wholesale distribution of nails, noninsulated wire, and screening are classified in Industry 5051.

Plumbing and heating equipment and supplies (hydronics) (SIC 5074)—Establishments primarily engaged in the wholesale distribution of hydronic plumbing and heating equipment and supplies. Construction contractors primarily engaged in installing plumbing and heating equipment from their own stock are classified in Construction, Industry 1711.

Warm air heating and air-conditioning equipment and supplies (SIC 5075)—Establishments primarily engaged in the wholesale distribution of warm air heating and air-conditioning equipment and supplies. Construction contractors primarily engaged in installing warm air heating and air-conditioning equipment are classified in Construction, Industry 1711.

Refrigeration equipment and supplies (SIC 5078)—Establishments primarily engaged in the wholesale distribution of refrigeration equipment and supplies. Construction contractors primarily engaged in installation of refrigeration equipment from their own stock are classified in Construction, Industry 1711.

Machinery, equipment, and supplies (SIC 508)

Construction and mining (except petroleum) machinery and equipment (SIC 5082)—Establishments primarily engaged in the wholesale distribution of construction or mining cranes, excavating machinery and equipment, power shovels, road construction and maintenance machinery, tractor-mounting equipment, and other specialized machinery and equipment used in the construction, mining, and logging industries. Establishments engaged in marketing oil well machinery and equipment are classified in Industry 5084.

Farm and garden machinery and equipment (SIC 5083)—Establishments primarily engaged in the wholesale distribution of agricultural machinery and equipment for use in preparation and maintenance of the soil, the planting and harvesting of crops, and other operations and processes pertaining to work on the farm or the lawn or garden; and dairy and other livestock equipment.

SIC 5083 is subdivided in some tables into—

1. Farm machinery and equipment—farm dealers.
2. Farm machinery and equipment—wholesale distributors.
3. Lawn and garden machinery and equipment.

Industrial machinery and equipment (SIC 5084)—Establishments primarily engaged in the wholesale distribution of industrial machinery and equipment, not elsewhere classified.

SIC 5084 is subdivided in some tables into—

1. Food-processing machinery, equipment, and parts.
2. General-purpose industrial machinery, equipment, and parts.
3. Metalworking machinery, equipment, and parts.
4. Materials handling equipment and parts.
5. Oil well, oil refinery, and pipeline machinery, equipment, and supplies.

6. Other industrial machinery, equipment, and parts. Establishments primarily engaged in selling special purpose industrial machinery not elsewhere classified, including printing machinery, woodworking machinery, shoemaking machinery, paper and paper products machinery, smelting and metal refining machinery and equipment, cigar and cigarette-making machinery, and similar special industry machinery.

Industrial supplies (SIC 5085)— Establishments primarily engaged in the wholesale distribution of industrial supplies, not elsewhere classified.

SIC 5085 is subdivided in some tables into—

1. General-line industrial supplies.
2. Mechanical power transmission supplies.
3. Industrial valves and fittings.
4. Welding supplies.
5. Industrial containers and supplies.
6. Other industrial supplies—Establishments primarily engaged in selling a specialty line of industrial materials and supplies not elsewhere classified, such as abrasives, mechanical rubber goods, ropes, cordage, and industrial diamonds.

Service establishment equipment and supplies (SIC 5087)—Establishments primarily engaged in the wholesale distribution of equipment and supplies for barber shops, beauty parlors, power laundries, drycleaning plants, upholsterers, undertakers, and related personal service establishments.

SIC 5087 is subdivided in some tables into—

1. Beauty and barber equipment and supplies.
2. Custodial (janitors') equipment and supplies.
3. Laundry and drycleaning equipment and supplies.
4. Other service establishment equipment and supplies—Establishments primarily engaged in selling a specialty line of service establishment supplies, such as upholsterers' equipment and supplies, seamstresses' supplies, tailors' supplies, undertakers' supplies, municipality equipment and supplies, and shoe repair supplies.

Transportation equipment and supplies, except motor vehicles (SIC 5088)—Establishments primarily engaged in the wholesale distribution of transportation equipment and supplies. Establishments primarily engaged in the wholesale distribution of motor vehicles and motor vehicle parts are classified in Industry Group 501, and those distributing pleasure boats are classified in Industry 5091.

SIC 5088 is subdivided in some tables into—

1. Aircraft and aeronautical equipment and supplies.
2. Marine machinery, equipment, and supplies.

3. Other transportation equipment and supplies—Establishments primarily engaged in selling equipment and supplies used in the operation, maintenance, and repair of railroads, streetcars, buses, tramways, aerial hoists, and horsedrawn vehicles.

Miscellaneous durable goods (SIC 509)

Sporting and Recreational Goods and Supplies (SIC 5091)—Establishments primarily engaged in the wholesale distribution of sporting goods and accessories; billiard and pool supplies; sporting firearms and ammunition; and marine pleasure craft, equipment and supplies. Establishments primarily engaged in the wholesale distribution of motor vehicles and trailers are classified in Industry 5012; those distributing self-propelled golf carts are classified in Industry 5088; and those distributing athletic apparel and footwear are classified in Industry Group 513.

Toys and hobby goods and supplies (SIC 5092)—Establishments primarily engaged in the wholesale distribution of games, toys, hobby goods and supplies, and related goods, such as fireworks and playing cards.

Scrap and waste materials (SIC 5093)—Establishments primarily engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste materials. This industry includes auto wreckers engaged in dismantling automobiles for scrap. However, those engaged in dismantling cars for the purpose of selling secondhand parts at retail are classified in Industry 5015.

SIC 5093 is subdivided in some tables into—

1. Iron and steel scrap processors and dealers.
 - a. Iron and steel scrap processors (using power processing equipment).
 - b. Iron and steel scrap dealers (not using power processing equipment).
2. Waste and secondary materials.

Jewelry, watches, precious stones, and precious metals. (SIC 5094)—Establishments primarily engaged in the wholesale distribution of jewelry, precious stones and metals, costume jewelry, watches, clocks, silverware, and jewelers' findings. Establishments primarily engaged in the wholesale distribution of precious metal ores are classified in Industry 5052.

Durable goods, n.e.c. (SIC 5099)—Establishments primarily engaged in the wholesale distribution of durable goods, not elsewhere classified, such as musical instruments and forest products, except lumber.

SIC 5099 is subdivided in some tables into—

1. Musical instruments and supplies.
2. Forest products, except lumber.

3. General merchandise—durable.
4. Other durable goods.

Nondurable Goods (SIC Major Group 51)

This major group includes establishments primarily engaged in the wholesale distribution of nondurable goods.

Paper and Paper Products (SIC 511)

Printing and writing paper (SIC 5111)—Establishments primarily engaged in the wholesale distribution of printing and writing paper, including envelope paper; fine paper; and groundwood paper.

Stationery and office supplies (SIC 5112)—Establishments primarily engaged in the wholesale distribution of stationery and office supplies, including computer and photocopy supplies, envelopes, typewriter paper, file cards and folders, pens, pencils, social stationery, and greeting cards.

Industrial and personal service paper (SIC 5113)—Establishments primarily engaged in the wholesale distribution of wrapping and other coarse paper, paperboard, and converted paper and related disposable plastic products, such as bags, boxes, dishes, eating utensils, napkins, and shipping supplies.

Drugs, drugs proprietaries and druggists' sundries (SIC 512)

Drugs, drug proprietaries, and druggists' sundries (SIC 5122)—Establishments primarily engaged in the wholesale distribution of prescription drugs, proprietary drugs, druggists' sundries, and toiletries. Establishments primarily engaged in the wholesale distribution of surgical, dental, and hospital equipment are classified in Industry 5047.

SIC 5122 is subdivided in some tables into—

1. General-line drugs—These are distinguished from specialty-line drug and toiletries wholesalers on the basis of their commodity-line mix. Drug wholesalers were classified as general line if they reported a substantial portion of their sales in "drugs and pharmaceuticals" and a combination of "proprietary (patent) medicines," "cosmetics," "perfumes," and "other toiletries and druggists' sundries."
2. Specialty-line pharmaceuticals, cosmetics, and toiletries.

Apparel, piece goods, and notions (SIC 513)

Piece goods, notions, and other dry goods (SIC 5131)—Establishments primarily engaged in the wholesale distribution of piece goods or yard goods of natural or man-made fibers, notions (sewing and hair accessories, etc.),

and other dry goods. Converters who buy fabric goods (except knit goods) in the grey, have them finished on contract, and sell at wholesale are included here. Converters of knit goods are classified in Manufacturing, Industry Group 225. This industry does not include establishments primarily engaged in the wholesale distribution of homefurnishings which are classified in Industry 5023.

SIC 5131 is subdivided in some tables into—

1. Piece goods
 - a. Piece goods-jobbers
 - b. Piece goods-converters
2. Notions and other dry goods

Men's and boys' clothing and furnishings (SIC 5136)—Establishments primarily engaged in the wholesale distribution of men's and boys' apparel and furnishings, sportswear, hosiery, underwear, nightwear, and work clothing.

Women's, children's, and infants' clothing and accessories (SIC 5137)—Establishments primarily engaged in the wholesale distribution of women's, children's, and infants' clothing and accessories, including hosiery, lingerie, millinery, and furs.

Footwear (SIC 5139)—Establishments primarily engaged in the wholesale distribution of footwear (including athletic) made of leather, rubber, and other materials.

Groceries and related products (SIC 514)

Groceries, general line (SIC 5141)—Establishments primarily engaged in the wholesale distribution of a general line of groceries. Establishments primarily engaged in roasting coffee, blending tea, or grinding and packaging spices are classified in Manufacturing Major Group 20.

SIC 5141 is subdivided in some tables into—

1. Voluntary group wholesalers.
2. Retail cooperative wholesalers.
3. Other general line wholesalers.

Packaged frozen foods (SIC 5142)—Establishments primarily engaged in the wholesale distribution of packaged quickfrozen vegetables, juices, meats, fish, poultry, pastries, and other "deep freeze" products. Establishments primarily engaged in the wholesale distribution of frozen dairy products are classified in Industry 5143, and those distributing frozen poultry, fish, and meat which are not packaged are classified in Industries 5144, 5146, and 5147, respectively.

Dairy products, Except Dried or Canned (SIC 5143)—Establishments primarily engaged in the wholesale distribution of dairy products, such as butter, cheese, ice cream and ices, and fluid milk and cream. This industry

does not include establishments primarily engaged in pasteurizing and bottling milk, which are classified in Manufacturing, Industry Group 202. Establishments primarily engaged in the wholesale distribution of dried or canned dairy products are classified in Industry 5149.

Poultry and poultry products (SIC 5144)—Establishments primarily engaged in the wholesale distribution of poultry and poultry products, except canned and packaged frozen products. This industry does not include establishments primarily engaged in the killing and dressing of poultry, which are classified in Manufacturing, Industry 2015. Establishments primarily engaged in the wholesale distribution of packaged frozen poultry are classified in Industry 5142, and those distributing canned poultry are classified in Industry 5149.

Confectionery (SIC 5145)—Establishments primarily engaged in the wholesale distribution of confectionery and related products, such as candy, chewing gum, fountain fruits, salted or roasted nuts, popcorn, fountain syrups, and potato, corn, and similar chips.

Fish and seafoods (SIC 5146)—Establishments primarily engaged in the wholesale distribution (but not packaging) of fresh, cured, or frozen fish and seafoods, except canned or packaged frozen. The preparation of fresh or frozen packaged fish and other seafood, and the shucking and packing of fresh oysters in nonsealed containers, are classified in Manufacturing, Industry 2092. Establishments primarily engaged in the wholesale distribution of canned seafood are classified in Industry 5149, and those distributing packaged frozen foods are classified in Industry 5142.

Meats and meat products (SIC 5147)—Establishments primarily engaged in the wholesale distribution of fresh, cured, and processed (but not canned) meats and lard. Establishments primarily engaged in the wholesale distribution of frozen packaged meats are classified in Industry 5142, and those distributing canned meats are classified in Industry 5149.

Fresh fruits and vegetables (SIC 5148)—Establishments primarily engaged in the wholesale distribution of fresh fruits and vegetables.

Groceries and related products, n.e.c. (SIC 5149)—Establishments primarily engaged in the wholesale distribution of groceries and related products, not elsewhere classified. Establishments primarily engaged in the wholesale distribution of soft drinks, and in bottling and distributing natural spring and mineral waters, are classified in this industry, but establishments primarily engaged in bottling soft drinks are classified in Manufacturing, Major Group 20. This industry does not include establishments primarily engaged in the wholesale distribution of farm-product raw materials classified in Industry Group 515, nor those distributing beer, wine, and distilled alcoholic beverages of Industry Group 518.

SIC 5149 is subdivided in some tables into—

1. Coffee, tea, and spices.
2. Bread and baked goods.
3. Soft drinks.
4. Canned goods.
5. Food and beverage basic materials.
6. Other grocery specialties.

Farm-product raw materials (SIC 515)

Grain and field beans (SIC 5153)—Establishments primarily engaged in buying and/or marketing grain (such as corn, wheat, oats, barley, and unpolished rice); dry beans, soybeans, and other inedible beans. Country grain elevators primarily engaged in buying or receiving grain from farmers are included, as well as terminal elevators and other merchants marketing grain. Establishments primarily engaged in the wholesale distribution of field and garden seeds are classified in Industry 5191.

Livestock (SIC 5154)—Establishments primarily engaged in buying and/or marketing cattle, hogs, sheep, and goats. This industry also includes the operation of livestock auction markets.

Farm-product raw materials, n.e.c. (SIC 5159)—Establishments primarily engaged in buying and/or marketing farm products, not elsewhere classified. Establishments primarily engaged in the wholesale distribution of milk are classified in Industry 5143, and those distributing live poultry are classified in Industry 5144.

SIC 5159 is subdivided in some tables into—

1. Hides, skins, and pelts.
2. Leaf tobacco.
3. Wool, wool tops, and mohair.
4. Cotton.
5. Other farm-product raw materials.

Chemicals and allied products (SIC 516)

Plastics materials and basic forms and shapes (SIC 5162)—Establishments primarily engaged in the wholesale distribution of plastics materials, and of unsupported plastics film, sheets, sheeting, rods, tubes, and other basic forms and shapes.

Chemicals and allied products, n.e.c. (SIC 5169)—Establishments primarily engaged in the wholesale distribution of chemicals and allied products, not elsewhere classified, such as acids, industrial and heavy chemicals, dyestuffs, industrial salts, rosin, and turpentine.

Establishments primarily engaged in the wholesale distribution of ammunition are classified in Industry Group 509; those distributing agricultural chemicals and pesticides are classified in Industry 5191; those distributing drugs are classified in Industry 5122; and those distributing pigments, paints, and varnishes are classified in Industry 5198.

SIC 5169 is subdivided in some tables into—

1. Industrial gases, except LP.
2. Other chemicals and allied products.

Petroleum and petroleum products (SIC 517)

Petroleum bulk stations and terminals (SIC 5171)—Establishments primarily engaged in the wholesaling of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

SIC 5171 is subdivided in some tables into—

1. Petroleum bulk stations and terminals, except LP.
 - a. Petroleum bulk stations, except LP
 - b. Petroleum bulk terminals, except LP.
2. Liquefied petroleum gas bulk stations and terminals.

Petroleum and petroleum products wholesalers, except bulk stations and terminals (SIC 5172)—Establishments primarily engaged in the wholesale distribution of petroleum and petroleum products, except those with bulk liquid storage facilities. Included are packaged and bottled petroleum products distributors, truck jobbers, and others marketing petroleum and its products at wholesale, but without bulk liquid storage facilities.

Beer, wine and distilled alcoholic beverages (SIC 518)

Beer and ale (SIC 5181)—Establishments primarily engaged in the wholesale distribution of beer, ale, porter, and other fermented malt beverages.

Wine and distilled alcoholic beverages (SIC 5182)—Establishments primarily engaged in the wholesale distribution of distilled spirits, including neutral spirits and ethyl alcohol used in blended wines and distilled liquors.

SIC 5182 is subdivided in some tables into—

1. Wine and distilled spirits—licensed operation.
2. Wine and distilled spirits—State operated.

Miscellaneous nondurable goods (SIC 519)

Farm supplies (SIC 5191)—Establishments primarily engaged in the wholesale distribution of animal feeds, fertilizers, agricultural chemicals, pesticides, seeds, and

other farm supplies, except grains. Establishments primarily engaged in the wholesale distribution of pet food are classified in Industry 5149, and those distributing pet supplies are classified in Industry 5199.

SIC 5191 is subdivided in some tables into—

1. Farm supplies—farm dealers.
2. Farm supplies—wholesale distributors.

Books, periodicals, and newspapers (SIC 5192)—Establishments primarily engaged in the wholesale distribution of books, periodicals, and newspapers.

Flowers, nursery stock, and florists' supplies (SIC 5193)—Establishments primarily engaged in the wholesale distribution of flowers, nursery stock, and florists' supplies.

Tobacco and tobacco products (SIC 5194)—Establishments primarily engaged in the wholesale distribution of tobacco and its products. Leaf tobacco wholesalers are classified in Industry 5159, and establishments primarily engaged in stemming and redrying tobacco are classified in Manufacturing, Industry 2141.

Paints, varnishes, and supplies (SIC 5198)—Establishments primarily engaged in the wholesale distribution of paints, varnishes, wallpaper, and supplies. Establishments selling to the general public and known as retail in the trade are classified in Retail Trade, Industry 5231.

Nondurable goods, n.e.c. (SIC 5199)—Establishments primarily engaged in the wholesale distribution of nondurable goods, not elsewhere classified, such as art goods, industrial yarns, textile bags, and bagging and burlap.

SIC 5199 is subdivided in some tables into—

1. Art goods.
2. General merchandise-nondurable.
3. Textile bags and bagging.
4. Specialty advertising (sale of merchandise).
5. Other nondurable goods.

TYPE-OF-OPERATION CLASSIFICATIONS

In addition to being classified by kind of business, each wholesale establishment was classified for the census by type of operation according to the ownership of the business, ownership of the goods sold, or character of the principal transactions. Establishments in wholesale trade are grouped into the following three major types of operation and related subgroups:

Merchant wholesalers—Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, importers, exporters, cash and carry wholesalers, retailer cooperative warehouses, terminal and country grain elevators, farm products assemblers, wholesale cooperative associations, and petroleum bulk plants and terminals operated by nonrefining companies.

Wholesale distributors and jobbers—Establishments primarily engaged in buying and selling merchandise in the domestic market not manufactured by the parent company.

Importers—Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters—Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Terminal grain elevators—Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators—Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators—Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers' sales branches and offices—Establishments maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Branch stores selling to household consumers and individual users are classified in

retail trade. Sales branches and sales offices located at plants and at administrative offices are included when separate records are available. In some tables, data are shown separately for manufacturers' sales branches and for sales offices. These two types of establishments differ in that sales offices do not carry stocks of merchandise for delivery to customers.

Agents, brokers, and commission merchants—Establishments whose operators are in business for themselves and are primarily engaged in selling or buying goods for others. Included here are such types of operations as auction companies, import agents, export agents, selling agents, merchandise brokers, and commission merchants. "Sales" as shown in census publications for agents, brokers, and commission merchants represent the gross sales (or purchase) value of the goods in the transactions negotiated.

Auction companies—Wholesale establishments primarily engaged in selling merchandise on an agency basis by auction.

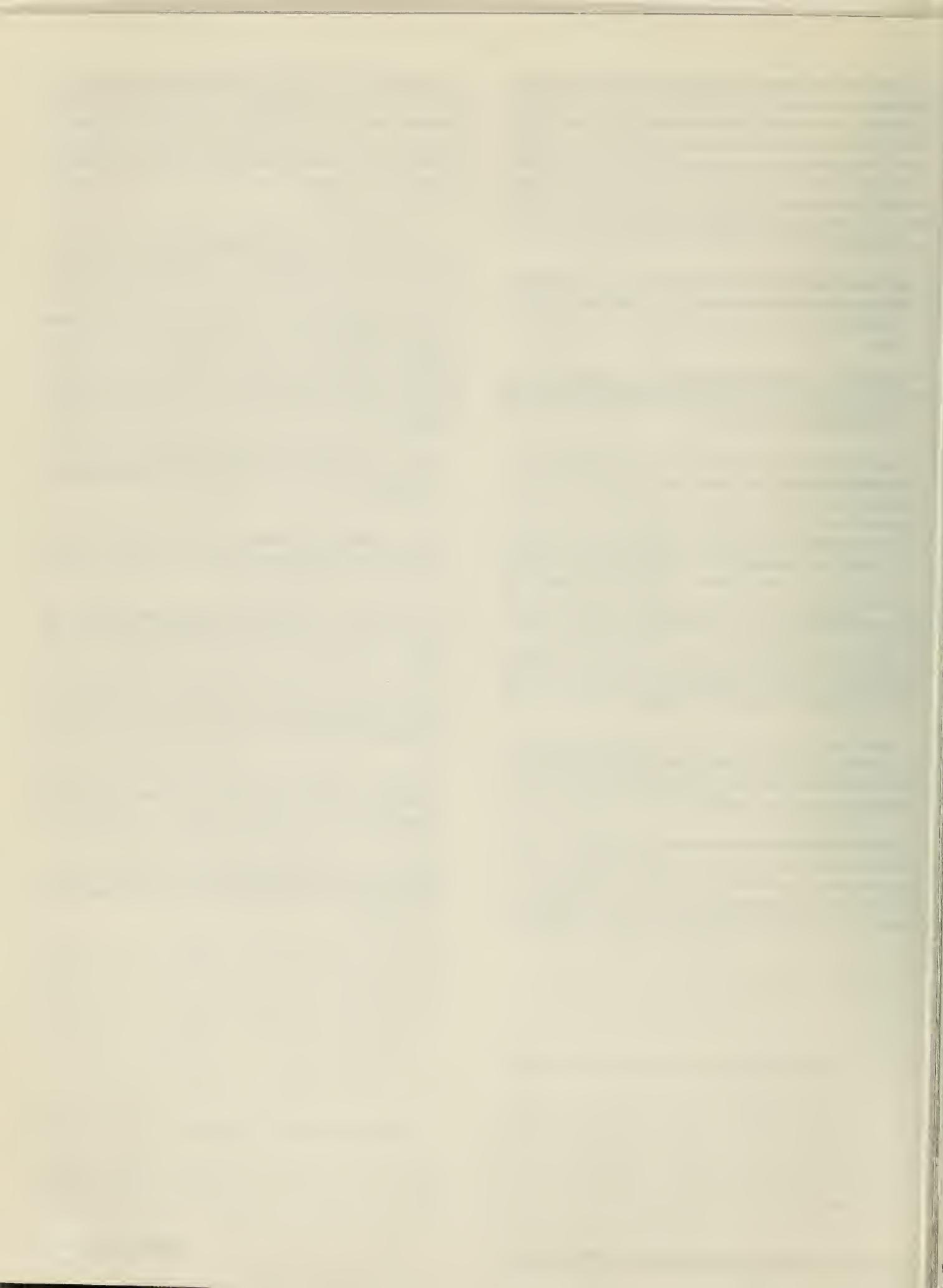
Import agents—Merchandise agents and brokers in the domestic market buying merchandise from or selling merchandise for foreign firms.

Export agents—Merchandise agents and brokers in the domestic market selling to or buying for foreign customers.

Manufacturers' agents—Wholesale establishments in the domestic market selling for a limited number of manufacturers on a continuing agency basis.

Brokers (representing buyers or sellers)—Wholesale establishments primarily engaged in selling or buying merchandise in the domestic market on a brokerage basis but not receiving the goods on consignment.

Commission merchants—Wholesale establishments operating in the domestic market receiving goods for sale on consignment.



APPENDIX B.

General Questions



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1987 CENSUS OF DISTRIBUTIVE TRADES

OMB APPROVAL NO. 0607-0629; EXPIRES 06/89

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47134

DUE DATE: FEBRUARY 15, 1988

If filing by the due date causes an undue burden, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

NOTE — Please read the accompanying instructions before answering the questions.

► **Item 1 — EMPLOYER IDENTIFICATION NUMBER**

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1987 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 YES

2 NO — Enter current EI No. _____

(9 digits)

► **Item 2 — PHYSICAL LOCATION OF ESTABLISHMENT**

Answer items a, b, c, and d.

NOTE: P.O. boxes or rural routes are not physical locations.

- a. Same as shown in mailing label. If different, indicate change. ↗

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC.

STATE

ZIP CODE

- b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 1 YES 3 No legal boundaries
2 NO 4 Don't know

- c. Type of municipality where physically located

096 1 City, village, or borough 3 Other or don't know
2 Town or township

- d. Name of county where physically located

► **Item 3 — OPERATIONAL STATUS**

- a. How many months during 1987 did this firm or organization actively operate this establishment? 002

- b. Mark (X) the ONE box which best describes this establishment at the end of 1987. Figures only

001 1 In operation
2 Temporarily or seasonally inactive
3 Ceased operation — Give date _____
4 Sold or leased to another operator — Give date at right AND enter name, etc., below ↗

Month	Day	Year

NAME OF NEW OWNER OR OPERATOR

NUMBER AND STREET

CITY

STATE

ZIP CODE

► **Item 4 — ORGANIZATIONAL STATUS — Mark (X) the ONE box which best describes this establishment during 1987.**

003 1 Individual proprietorship 6 Corporation (Do not mark if any form of cooperative association.)
2 Partnership
3 Cooperative association (taxable)
4 Cooperative association (tax-exempt)
5 Governmental — Specify ↗

► **Item 5 — INVENTORIES**

- a. Did you have inventories at the end of 1988 or 1987?

110 1 YES — Complete the remainder of the item 2 NO — SKIP to item 6

- b. Are inventories of this establishment subject to the last-in, first-out (LIFO) method of valuation?

120 1 YES — Use the sum of the LIFO amount plus 2 NO — Complete only line c

	End of 1987			End of 1986		
	Mil.	Thou.	Dol.	Mil.	Thou.	Dol.
c. Total inventories	046			047		
d. LIFO users report the following for line (c):						
(1) Amount not subject to LIFO costing	111			121		
(2) Amount subject to LIFO costing (gross)	112			122		
e. Report the following applicable to line d(2):	113			123		
(1) Amount of the LIFO reserve	114			124		
(2) LIFO value of the line d(2) (net)						

NOTE — The sum of lines d(1), e(1), and e(2) should equal line c.

PENALTY FOR FAILURE TO REPORT

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

► **HOW TO REPORT DOLLAR FIGURES**

Value figures may be reported in dollars or rounded to thousands.

Example: If a figure is

61,126,628,

report either

• PREFERRED

Acceptable

1 1 126

1 1 125

626

► **Item 6 — DOLLAR VOLUME OF BUSINESS IN 1987**

- a. Sales of merchandise and other operating receipts including the gross selling value of business conducted for the account of others

Mil. | Thou. | Dol.

000 | 000 | 000

100 | 100 | 100

- b. Did this establishment sell merchandise for the account of others on a commission or brokerage basis?

Mil. | Thou. | Dol.

101 | 101 | 101

- c. Gross selling value of business conducted on a commission or brokerage basis for the account of others (include in item 6a)

Mil. | Thou. | Dol.

102 | 102 | 102

- d. Dollar volume of commissions or brokerage received on transactions reported in item 6c.

Mil. | Thou. | Dol.

103 | 103 | 103

NOTE — If this is the only establishment of this firm skip to item 7.

- e. What percentage of the products sold by this establishment did your company (including firms under common ownership or control) manufacture or mine in the United States? %

Mil. | Thou. | Dol.

104 | 104 | 104

- f. Dollar volume of transfers (billings) to other establishments within your company (DO NOT include in item 6e)

Mil. | Thou. | Dol.

105 | 105 | 105

► **Item 7 — PAYROLL AND EMPLOYMENT**

- a. Payroll in 1987, before deductions

Mil. | Thou. | Dol.

030 | 030 | 030

(1) Total ANNUAL payroll

Mil. | Thou. | Dol.

031 | 031 | 031

(2) FIRST QUARTER payroll (Jan.—Mar.)

Mil. | Thou. | Dol.

032 | 032 | 032

- b. Employment in 1987

Number

Number of paid employees for the pay period including March 12, 1987 (include both full- and part-time employees)

► **Item 8 — EMPLOYMENT BY PRINCIPAL ACTIVITY**

Report the approximate number of employees at this establishment according to their principal activity during the pay period including March 12, 1987.

Number

- a. Selling

131

- b. Sales support (including office and clerical, warehousing, drivers, maintenance employees)

132

Number

- c. Central administrative and auxiliary

133

- d. Manufacturing

134

- e. Other — Specify

135

- f. TOTAL — Sum of lines a through e should equal item 7b →

136

► **Item 9 — OPERATING EXPENSES**

TOTAL 1987 operating expenses, including payroll but excluding cost of goods sold and interest expenses.

Mil. | Thou. | Dol.

040 | 040 | 040

Report in whole percent

► **Item 10 — SALES BY CUSTOMER CLASSES**

Report the approximate percentage of your 1987 sales item 6e) to each of the customer classes listed.

140

- a. To farmers (for farm use)

141

- b. To builders and contractors

142

- c. Export sales

143

- d. To retailers and repair shops

144

- e. To wholesale establishments

145

- f. To household consumers and individual users

146

- g. To industrial users (manufacturing and mining)

147

- h. To institutional, commercial, and professional users

148

- i. To governmental bodies (federal, state, and local)

149

- j. TOTAL — Sum of lines a through i should add to 100% →

100%

CONTINUE ON PAGE 2 →

Item 11 – TYPE OF OPERATION Mark (X) the ONE box which best describes the basis on which the MAJOR portion of your business was conducted in 1987.				ENTER OWNED OR CONTROLLED COMPANY NAME, ADDRESS, AND ZIP CODE																																																											
<p>a. Merchant (buying and selling on own account) 060</p> <p>(1) Importer <input type="checkbox"/> 12 (2) Exporter <input type="checkbox"/> 13 (3) Merchant <input type="checkbox"/> 11 <input type="checkbox"/> 20</p> <p>b. Manufacturers' sales branches and offices</p> <p>c. Agent, broker, commission merchant</p> <p>(1) Auction company <input type="checkbox"/> 41 (2) Broker (representing buyers or sellers) <input type="checkbox"/> 42 (3) Commission merchant <input type="checkbox"/> 43 (4) Import agent <input type="checkbox"/> 44 (5) Export agent <input type="checkbox"/> 45 (6) Manufacturers' agent <input type="checkbox"/> 48</p>				<p>b. Does this company own or control any other company or companies?</p> <p>098 1 <input type="checkbox"/> YES → 2 <input type="checkbox"/> NO</p> <p>El No. (9 digits) _____</p> <p>c. How many establishments were operated under the El Number shown in the address label (or as corrected in item 1) at the end of 1987? _____ Number 079</p> <p>If more than one, provide the physical location address and other information indicated below for each establishment. The headquarters location should be listed on line 1, followed by other locations. If book figures are not available, estimates are acceptable. Continue with same format on a separate sheet if necessary.</p>																																																											
				<table border="1"> <tr> <td rowspan="2">1</td> <td rowspan="2">NAME, ADDRESS, AND ZIP CODE</td> <td>1987</td> <td>Mil.</td> <td>Thou.</td> <td>Dol.</td> </tr> <tr> <td>081</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">KIND-OF-BUSINESS DESCRIPTION</td> <td>Annual payroll</td> <td>082</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TYPE OF OPERATION (Choose from Item 11)</td> <td>Cen-sus use</td> <td>088</td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td>089</td> <td></td> <td></td> </tr> </table> <table border="1"> <tr> <td rowspan="2">2</td> <td rowspan="2">NAME, ADDRESS, AND ZIP CODE</td> <td>1987</td> <td>Mil.</td> <td>Thou.</td> <td>Dol.</td> </tr> <tr> <td>081</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">KIND-OF-BUSINESS DESCRIPTION</td> <td>Annual payroll</td> <td>082</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TYPE OF OPERATION (Choose from Item 11)</td> <td>Cen-sus use</td> <td>088</td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td>089</td> <td></td> <td></td> </tr> </table>				1	NAME, ADDRESS, AND ZIP CODE	1987	Mil.	Thou.	Dol.	081				KIND-OF-BUSINESS DESCRIPTION		Annual payroll	082			TYPE OF OPERATION (Choose from Item 11)		Cen-sus use	088						089			2	NAME, ADDRESS, AND ZIP CODE	1987	Mil.	Thou.	Dol.	081				KIND-OF-BUSINESS DESCRIPTION		Annual payroll	082			TYPE OF OPERATION (Choose from Item 11)		Cen-sus use	088						089		
1	NAME, ADDRESS, AND ZIP CODE	1987	Mil.	Thou.	Dol.																																																										
		081																																																													
KIND-OF-BUSINESS DESCRIPTION		Annual payroll	082																																																												
TYPE OF OPERATION (Choose from Item 11)		Cen-sus use	088																																																												
			089																																																												
2	NAME, ADDRESS, AND ZIP CODE	1987	Mil.	Thou.	Dol.																																																										
		081																																																													
KIND-OF-BUSINESS DESCRIPTION		Annual payroll	082																																																												
TYPE OF OPERATION (Choose from Item 11)		Cen-sus use	088																																																												
			089																																																												
				<p>Please attach a separate sheet for any explanations that may be essential in understanding your reported data.</p> <p>REMARKS — Please use this space for any explanations that may be essential in understanding your reported data.</p>																																																											
				<p>Item 15 — CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions.</p>																																																											
<p>NOTE Answer item 14 only if your Census File Number (CFN), shown in the address label of this report form, begins with a zero.</p> <p>Item 14 — OWNERSHIP, CONTROL, AND LOCATIONS OF OPERATION</p> <p>a. Is this company owned or controlled by another company?</p> <p>097 1 <input type="checkbox"/> YES → 2 <input type="checkbox"/> NO</p>				<p>ENTER OWNING OR CONTROLLING COMPANY NAME, ADDRESS, AND ZIP CODE</p> <p>El No. (9 digits) _____</p> <p>Period covered by this report → FROM: Mo. Year TO: Mo. Year</p> <p>Name of person to contact regarding this report — Print or type _____</p> <p>Telephone → Area code _____ Number _____ Extension _____</p> <p>Signature of authorized person _____ Date _____</p>																																																											

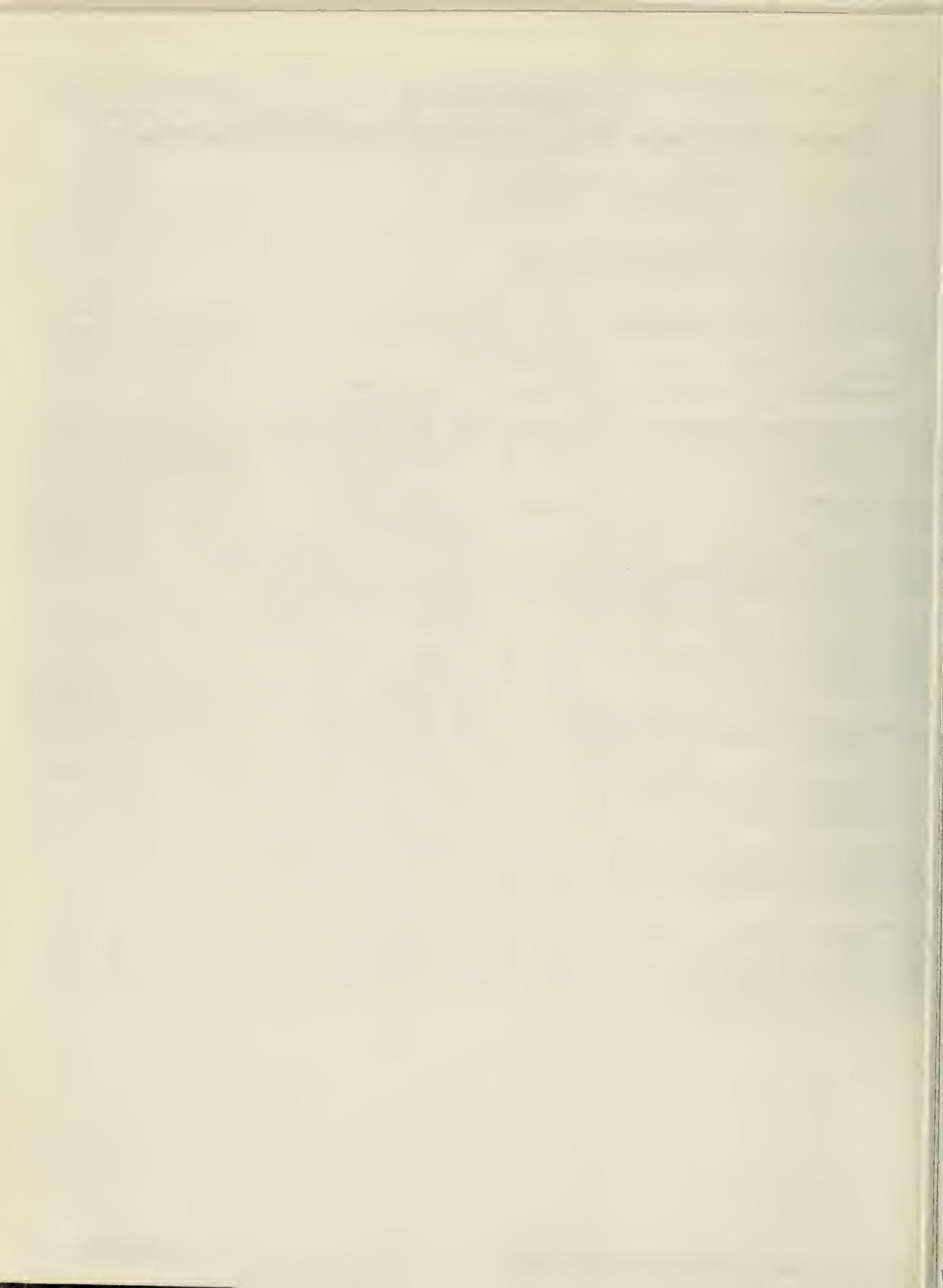
APPENDIX C.

Kind-of-Business Titles and Reporting-Form Numbers

[Listed below are wholesale kind-of-business titles and their corresponding reporting-form numbers. Requests for copies of any of these forms, including the inquiries used to classify establishment by kind of business, should be directed to the Business Division, Bureau of the Census, Washington, DC 20233.]

1987 SIC code	Title	Standard form CB-	Short form CB-	1987 SIC code	Title	Standard form CB-	Short form CB-
	DURABLE GOODS				DURABLE GOODS—Con.		
501	Motor vehicles and motor vehicle parts and supplies:			509	Miscellaneous durable goods:		
5012	Automobiles and other motor vehicles -----	5012	5003	5091	Sporting and recreational goods and supplies -----	5041	5003
5013	Motor vehicle supplies and new parts -----	5013	5003	5092	Toys and hobby goods and supplies -----	5041	5003
5014	Tires and tubes -----	5013	5003	5093	Scrap and waste materials -----	5093	5003
5015	Motor vehicle parts, used -----	5013	5003	5094	Jewelry, watches, precious stones, and precious metals -----	5094	5003
				5099	Durable goods, n.e.c. -----	5099	5003
502	Furniture and homefurnishings:				NONDURABLE GOODS		
5021	Furniture -----	5021	5001	511	Paper and paper products:		
5023	Homefurnishings -----	5021	5001	5111	Printing and writing paper -----	5111	5102
				5112	Stationery and office supplies -----	5111	5102
				5113	Industrial and personal service paper -----	5111	5102
503	Lumber and other construction materials:				Drugs, drug proprietaries, and druggists' sundries:		
5031	Lumber, plywood, millwork, and wood panels -----	5031	5001	512	Drugs, drug proprietaries, and druggists' sundries -----	5122	5102
5032	Brick, stone, and related construction materials -----	5031	5001	5122			
5033	Roofing, siding, and insulation materials -----	5031	5001	5123			
5039	Construction materials, n.e.c. -----	5031	5001	513	Apparel, piece goods, and notions:		
				5131	Piece goods, notions, and other dry goods -----	5133	5102
504	Professional and commercial equipment and supplies:			5136	Men's and boys' clothing and furnishings -----	5136	5102
5043	Photographic equipment and supplies -----	5041	5003	5137	Women's, children's and infants' clothing and accessories -----	5136	5102
5044	Office equipment -----	5081	5002	5139	Footwear -----	5136	5102
5045	Computers and computer peripheral equipment and software -----	5081	5002	514	Groceries and related products:		
5046	Commercial equipment, n.e.c. -----	5081	5002	5141	Groceries, general line -----	5141	5101
5047	Medical, dental, and hospital equipment and supplies -----	5086	5002	5142	Packaged frozen foods -----	5142	5101
5048	Ophthalmic goods -----	5086	5002	5143	Dairy products, except dried or canned -----	5143	5101
5049	Professional equipment and supplies, n.e.c. -----	5086	5002	5144	Poultry and poultry products -----	5144	5101
				5145	Confectionery -----	5145	5101
				5146	Fish and seafoods -----	5146	5101
				5147	Meats and meat products -----	5147	5101
505	Metals and minerals, except petroleum:			5148	Fresh fruits and vegetables -----	5148	5101
5051	Metals service centers and offices -----	5051	5003	5149	Groceries and related products, n.e.c. -----	5141	5101
5052	Coal and other minerals and ores -----	5052	5003		Farm-product raw materials:		
				515	Grain and field beans -----	5152	5103
506	Electrical goods:			5153	Livestock -----	5154	5103
5063	Electrical apparatus and equipment, wiring supplies, and construction materials -----	5063	5001	5154	Farm-product raw materials, n.e.c. -----	5152	5103
				5159			
5064	Electrical appliances, television and radio sets -----	5063	5001	516	Chemicals and allied products:		
5065	Electronic parts and equipment, n.e.c. -----	5063	5001	5162	Plastics materials and basic forms and shapes -----	5161	5102
				5169	Chemicals and allied products, n.e.c. -----	5161	5102
507	Hardware, and plumbing and heating equipment and supplies:			517	Petroleum and petroleum products:		
5072	Hardware -----	5072	5001	5171	Petroleum bulk stations and terminals -----	5171	'NA
5074	Plumbing and heating equipment and supplies (hydronics) -----	5072	5001	5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals -----	5171	'NA
5075	Warm air heating and air-conditioning equipment and supplies -----	5072	5001				
5078	Refrigeration equipment and supplies -----	5072	5001	518	Beer, wine, and distilled alcoholic beverages:		
				5181	Beer and ale -----	5181	5103
				5182	Wine and distilled alcoholic beverages -----	5181	5103
508	Machinery, equipment, and supplies:				Miscellaneous nondurable goods:		
5082	Construction and mining (except petroleum) machinery and equipment -----	5082	5002	519	Farm supplies -----	5191	5102
				5191	Books, periodicals, and newspapers -----	5199	5102
5083	Farm and garden machinery and equipment -----	5083	5002	5192	Flowers, nursery stock, and florists' supplies -----	5199	5102
5084	Industrial machinery and equipment -----	5084	5002	5193	Tobacco and tobacco products -----	5194	5102
5085	Industrial supplies -----	5085	5002	5194	Paints, varnishes, and supplies -----	5198	5102
5087	Service establishment equipment and supplies -----	5087	5002	5198	Nondurable goods, n.e.c. -----	5199	5102
5088	Transportation equipment and supplies, except motor vehicles -----	5088	5002	5199			

¹Petroleum wholesalers were all sent form CB-5171.



APPENDIX D. Metropolitan Statistical Areas

[Titles and definitions shown for MSA's, PMSA's, and CMSA's are those established by the Office of Management and Budget, as of June 30, 1987]

HAWAII

Honolulu, HI MSA

Honolulu County, HI



APPENDIX E.

Percent of Sales Data Based on Administrative Records and Estimation for the State: 1987

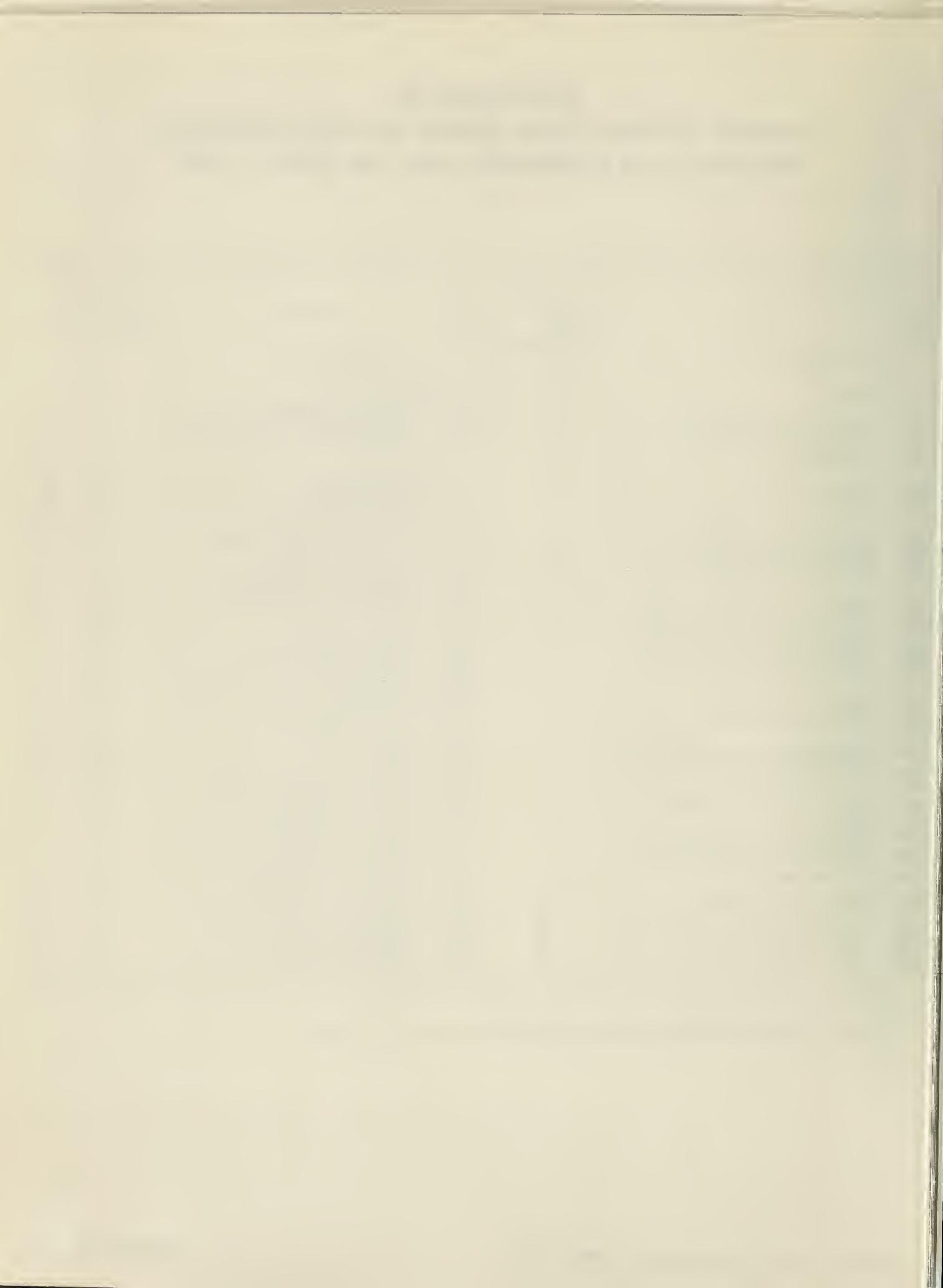
[For meaning of abbreviations and symbols and for more information on reliability of data, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, see appendix A]

1987 SIC code	Kind of business	Percent of sales‡—			Percent of sales‡—		
		From adminis- trative records ¹	Estimated ²	1987 SIC code		From adminis- trative records ¹	Estimated ²
	Wholesale trade	0	0		Wholesale trade—Con.		
50	Durable goods	0	0	50	Durable goods—Con.		
501	Motor vehicles and motor vehicle parts and supplies	0	0	509	Miscellaneous durable goods	2	1
5012	Automobiles and other motor vehicles	0	0	5091	Sporting and recreational goods and supplies	0	0
5013	Motor vehicle supplies and new parts	0	2	5092	Toys and hobby goods and supplies	1	1
5014	Tires and tubes	0	0	5093	Scrap and waste materials	2	2
5015	Motor vehicle parts, used	0	0	5094	Jewelry, watches, precious stones, and precious metals	3	1
				5099	Durable goods, n.e.c.	1	0
502	Furniture and homefurnishings	0	1	51	Nondurable goods	0	0
5021	Furniture	0	1	511	Paper and paper products	0	0
5023	Homefurnishings	0	1	5111	Printing and writing paper	(D)	(D)
				5112	Stationery and office supplies	(D)	(D)
				5113	Industrial and personal service paper	0	0
503	Lumber and other construction materials	0	0				
5031	Lumber, plywood, millwork, and wood panels	0	0	512	Drugs, drug proprietaries, and druggists' sundries	0	0
5032	Brick, stone, and related construction materials	(D)	(D)	5122	Drugs, drug proprietaries, and druggists' sundries	0	0
5033	Roofing, siding, and insulation materials	(D)	(D)				
5039	Construction materials, n.e.c.	0	1	513	Apparel, piece goods, and notions	1	0
				5131	Piece goods, notions, and other dry goods	0	0
504	Professional and commercial equipment and supplies	0	0	5136	Men's and boys' clothing and furnishings	1	0
5043	Photographic equipment and supplies	0	0	5137	Women's, children's and infants' clothing and accessories	1	0
5044	Office equipment	0	0	5139	Footwear	1	0
5045	Computers and computer peripheral equipment and software	0	0				
5046	Commercial equipment, n.e.c.	2	0	514	Groceries and related products	0	0
5047	Medical, dental, and hospital equipment and supplies	0	1	5141	Groceries, general line	0	1
5048	Ophthalmic goods	1	0	5142	Packaged frozen foods	0	1
5049	Professional equipment and supplies, n.e.c.	0	0	5143	Dairy products, except dried or canned	0	0
				5144	Poultry and poultry products	0	0
				5145	Confectionery	0	0
505	Metals and minerals, except petroleum	0	0	5146	Fish and seafoods	0	0
5051	Metals service centers and offices	0	0	5147	Meats and meat products	0	0
5052	Coal and other minerals and ores	0	0	5148	Fresh fruits and vegetables	1	0
				5149	Groceries and related products, n.e.c.	0	0
506	Electrical goods	0	0				
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	0	0	515	Farm-product raw materials	4	0
5064	Electrical appliances, television and radio sets	0	0	5153	Grain and field beans	1	0
5065	Electronic parts and equipment, n.e.c.	0	1	5154	Livestock	(D)	(D)
				5159	Farm-product raw materials, n.e.c.	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	1	1	516	Chemicals and allied products	0	2
5072	Hardware	1	1	5162	Plastics materials and basic forms and shapes	0	3
5074	Plumbing and heating equipment and supplies (hydronics)	0	0	5169	Chemicals and allied products, n.e.c.	0	1
5075	Warm air heating and air-conditioning equipment and supplies	1	1	517	Petroleum and petroleum products	0	0
5078	Refrigeration equipment and supplies	0	0	5171	Petroleum bulk stations and terminals	0	0
				5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	0	0
508	Machinery, equipment, and supplies	0	0	518	Beer, wine, and distilled alcoholic beverages	0	0
5082	Construction and mining (except petroleum) machinery and equipment	(D)	(D)	5181	Beer and ale	0	0
5083	Farm and garden machinery and equipment	0	2	5182	Wine and distilled alcoholic beverages	0	0
5084	Industrial machinery and equipment	0	0	519	Miscellaneous nondurable goods	0	0
5085	Industrial supplies	0	0	5191	Farm supplies	0	0
5087	Service establishment equipment and supplies	(D)	(D)	5192	Books, periodicals, and newspapers	1	0
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	5193	Flowers, nursery stock, and florists' supplies	1	1
				5194	Tobacco and tobacco products	(D)	(D)
				5198	Paints, varnishes, and supplies	(D)	(D)
				5199	Nondurable goods, n.e.c.	0	1

‡ Coverage symbols: 0—Less than 10 percent; 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

¹Includes sales information obtained from administrative records of other Federal agencies.

²Includes sales information which was imputed based on historic company ratios or administrative records, or on industry averages.



APPENDIX F.

Geographic Notes

HAWAII

Honolulu County is coextensive with Honolulu city which is not recognized for the economic censuses; however, Honolulu CDP is recognized for the economic censuses.

Maui County consists of four islands. The State requested that two of the islands, Lanai and Molokai, be recognized as "places" for the economic censuses. Included on the island of Molokai is the nonfunctioning county of Kalawao.



APPENDIX G.

Establishments in Business Any Time During Year and Establishments in Business at End of Year Based on 1972 Standard Industrial Classifications for the State: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1972 SIC code	1987 SIC code	Kind of business	Establishments in business—			
			Any time during year		At end of year	
			1987	1982	1987	1982
		Wholesale trade	1 989	1 810	1 942	1 737
50		Durable goods	1 012	936	989	899
501		Motor vehicles and automotive parts and supplies	112	106	107	103
5012	5012	Automobiles and other motor vehicles	11	11	11	11
5013	5013	Automotive parts and supplies	89	79	84	78
	5015 pt.	Motor vehicle supplies and new parts	86	77	81	76
		Motor vehicle parts, used	3	2	3	2
5014	5014	Tires and tubes	12	16	12	14
502		Furniture and homefurnishings	69	66	68	59
5021	5021	Furniture	25	29	24	26
5023	5023	Homefurnishings	44	37	44	33
503		Lumber and other construction materials	82	95	81	91
5031	5031	Lumber, plywood, millwork, and wood panels	39	23	38	22
5039	5032	Construction materials, n.e.c.	43	72	43	69
	5033	Brick, stone, and related construction materials	15	20	15	19
	5039	Roofing, siding, and insulation materials	6	10	6	10
		Construction materials, n.e.c.	22	42	22	40
504		Sporting, recreational, photographic, and hobby goods, toys and supplies	57	54	57	53
5041	5091	Sporting and recreational goods and supplies	31	33	31	32
5042	5092	Toys and hobby goods and supplies	15	11	15	11
5043	5043	Photographic equipment and supplies	11	10	11	10
505		Metals and minerals, except petroleum	18	12	18	12
5051	5051	Metals service centers and offices	18	12	18	12
5052	5052	Coal and other minerals and ores	—	—	—	—
506		Electrical goods	121	110	114	107
5063	5063	Electrical apparatus and equipment, wiring supplies, and construction materials	58	47	55	47
	5065 pt.	Electrical apparatus and equipment, wiring supplies, and construction materials	50	—	48	—
	5084 pt.	Electronic parts and equipment, n.e.c.	3	—	3	—
		Industrial machinery and equipment	5	—	4	—
5064	5064	Electrical appliances, television and radio sets	33	31	32	30
5065	5065 pt.	Electronic parts and equipment, n.e.c.	30	32	27	30
507		Hardware, and plumbing and heating equipment and supplies	93	83	92	83
5072	5072	Hardware	39	29	38	29
5074	5074	Plumbing and heating equipment and supplies (hydronics)	33	37	33	37
5075	5075	Warm air heating and air-conditioning equipment and supplies	8	6	8	6
5078	5078	Refrigeration equipment and supplies	13	11	13	11
508		Machinery, equipment, and supplies	321	277	315	268
5081	5044	Commercial machines and equipment	134	90	133	88
	5045	Office equipment	52	—	52	—
	5046	Computers and computer peripheral equipment and software	48	—	47	—
		Commercial equipment, n.e.c.	34	23	34	22
5082	5082	Construction and mining (except petroleum) machinery and equipment	8	15	8	14
5083	5083	Farm and garden machinery and equipment	13	13	13	12
5084	5084 pt.	Industrial machinery and equipment	45	37	41	35
5085	5085	Industrial supplies	45	42	44	42
5086	5047	Professional equipment and supplies	48	42	48	42
	5048	Medical, dental, and hospital equipment and supplies	34	26	34	26
	5049	Ophthalmic goods	8	6	8	6
		Professional equipment and supplies, n.e.c.	6	10	6	10
5087	5087	Service establishment equipment and supplies	23	30	23	29
5088	5088	Transportation equipment and supplies, except motor vehicles	5	8	5	6
509		Miscellaneous durable goods	139	133	137	123
5093	5093	Scrap and waste materials	21	18	21	17
5094	5094	Jewelry, watches, precious stones, and precious metals	86	71	84	67
5099	5099 pt.	Durable goods, n.e.c.	32	44	32	39
51		Nondurable goods	977	874	953	838
511		Paper and paper products	69	69	67	66
5111	5111	Printing and writing paper	5	10	5	10
5112	5112	Stationery and office supplies	35	37	33	34
5113	5113	Industrial and personal service paper	29	22	29	22

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A]

1972 SIC code	1987 SIC code	Kind of business	Establishments in business—			
			Any time during year		At end of year	
			1987	1982	1987	1982
51		Nondurable goods—Con.				
512		Drugs, drug proprietaries, and druggists' sundries	40	43	38	42
5122	5122	Drugs, drug proprietaries, and druggists' sundries	40	43	38	42
513		Apparel, piece goods, and notions	108	74	103	70
5133	5131 pt.	Piece goods	22	15	20	14
5134	5131 pt.	Notions and other dry goods	7	8	7	8
5136	5136	Men's and boys' clothing and furnishings	28	15	25	14
5137	5137	Women's, children's, and infants' clothing and accessories	40	24	40	22
5139	5139	Footware	11	12	11	12
514		Groceries and related products	388	350	381	339
5141	5141	Groceries, general line	47	39	47	39
5142	5142	Packaged frozen foods	36	38	36	37
5143	5143	Dairy products, except dried or canned	25	22	24	20
5144	5144	Poultry and poultry products	11	8	10	8
5145	5145	Confectionery	25	26	25	25
5146	5146	Fish and seafoods	45	34	45	32
5147	5147	Meats and meat products	34	33	33	33
5148	5148	Fresh fruits and vegetables	58	53	58	53
5149	5149	Groceries and related products, n.e.c.	107	97	103	92
515		Farm-product raw materials	10	4	10	4
5152	5159 pt.	Cotton	—	—	—	—
5153	5153	Grain and field beans	4	—	4	—
5154	5154	Livestock	3	1	3	1
5159	5159 pt.	Farm-product raw materials, n.e.c.	3	3	3	3
516		Chemicals and allied products	39	35	39	33
5161		Chemicals and allied products	39	35	39	33
	5162	Plastics materials and basic forms and shapes	12	10	12	9
	5169	Chemicals and allied products, n.e.c.	27	25	27	24
517		Petroleum and petroleum products	50	51	49	42
5171	5171	Petroleum bulk stations and terminals	30	38	29	29
5172	5172	Petroleum and petroleum products wholesalers, except bulk stations and terminals	20	13	20	13
518		Beer, wine, and distilled alcoholic beverages	41	38	40	37
5181	5181	Beer and ale	18	14	18	14
5182	5182	Wine and distilled alcoholic beverages	23	24	22	23
519		Miscellaneous nondurable goods	232	210	226	205
5191	5191	Farm supplies	47	40	45	40
5194	5194	Tobacco and tobacco products	6	11	5	11
5198	5198	Paints, varnishes and supplies	14	13	13	11
5199		Nondurable goods, n.e.c.	165	146	163	143
	5099 pt.	Durable goods, n.e.c.	17	—	17	—
	5192	Books, periodicals, and newspapers	15	18	15	17
	5193	Flowers, nursery stock, and florists' supplies	30	31	30	30
	5199	Nondurable goods, n.e.c.	103	—	101	—

APPENDIX H.

Changes in Wholesale Trade Kind-of-Business Classifications for 1987

[Based on revisions to the Standard Industrial classification (SIC) Manual, definitions of some kinds of business were changed for 1987. The significant changes in SIC codes from 1972 to 1987 are listed below. For industries other than those listed, the SIC definitions are the same as those used since 1972, or contain only minor revisions affecting the classification of few, if any, establishments]

1987 SIC (used for 1987 census reports)

1972 SIC (used for 1972, 1977, and 1982 census reports)

Code	Title	Code	Title
5013	Motor vehicle supplies and new parts	5013 pt.	Automotive parts and supplies (except used)
5015	Motor vehicle parts, used	5013 pt. 5931 pt.	Used automotive parts, equipment and supplies (wholesale) Used automotive parts, equipment and supplies (retail)
5023	Homefurnishings ¹	5023	Home furnishings ¹
5032	Brick, stone, and related construction materials	5039	Construction materials, n.e.c.
5033	Roofing, siding, and insulation materials		
5039	Construction materials, n.e.c.		
5044	Office equipment	5081	Commercial machines and equipment
5045	Computers and computer peripheral equipment and software		
5046	Commercial equipment, n.e.c.		
5047	Medical, dental, and hospital equipment and supplies	5086	Professional equipment and supplies
5048	Ophthalmic goods		
5049	Professional equipment and supplies, n.e.c.		
5063	Electrical apparatus and equipment, wiring supplies, and construction materials	5063 pt.	Electrical apparatus and equipment, wiring supplies, and construction materials ²
5065	Electronic parts and equipment, n.e.c.	5065 5063 pt.	Electronic parts and equipment Electrical apparatus and equipment, wiring supplies, and construction materials ³
5082	Construction and mining (except petroleum) machinery and equipment ¹	5082	Construction and mining machinery and equipment
5084	Industrial machinery and equipment	5084 5063 pt.	Industrial machinery and equipment Electrical apparatus and equipment, wiring supplies and construction materials ⁴
5091	Sporting and recreational goods and supplies ¹	5041	Sporting and recreational goods and supplies
5092	Toys and hobby goods and supplies ¹	5042	Toys and hobby goods and supplies
5094	Jewelry, watches, precious stones, and precious metals ¹	5094	Jewelry, watches, diamonds, and other precious stones ¹
5099	Durable goods, n.e.c.	5099 5199 pt.	Durable goods, n.e.c. Nondurable goods, n.e.c. ⁵
5112	Stationery and office supplies ¹	5112	Stationery supplies ¹
5131	Piece goods, notions, and other dry goods	5133 5134	Piece goods (woven fabrics) Notions and other dry goods
5142	Packaged frozen foods ¹	5142	Frozen foods ¹
5143	Dairy products, except dried or canned ¹	5143	Dairy products ¹
5153	Grain and field beans ¹	5153	Grain ¹
5159	Farm-product raw materials, n.e.c.	5152 5159	Cotton Farm-product raw materials, n.e.c.
5162	Plastics materials and basic forms and shapes	5161	Chemicals and allied products
5169	Chemicals and allied products, n.e.c.		
5192	Books, periodicals, and newspapers	5199	Nondurable goods, n.e.c. ⁶
5193	Flowers, nursery stock, and florists' supplies		
5199	Nondurable goods, n.e.c.		

¹No change in content.

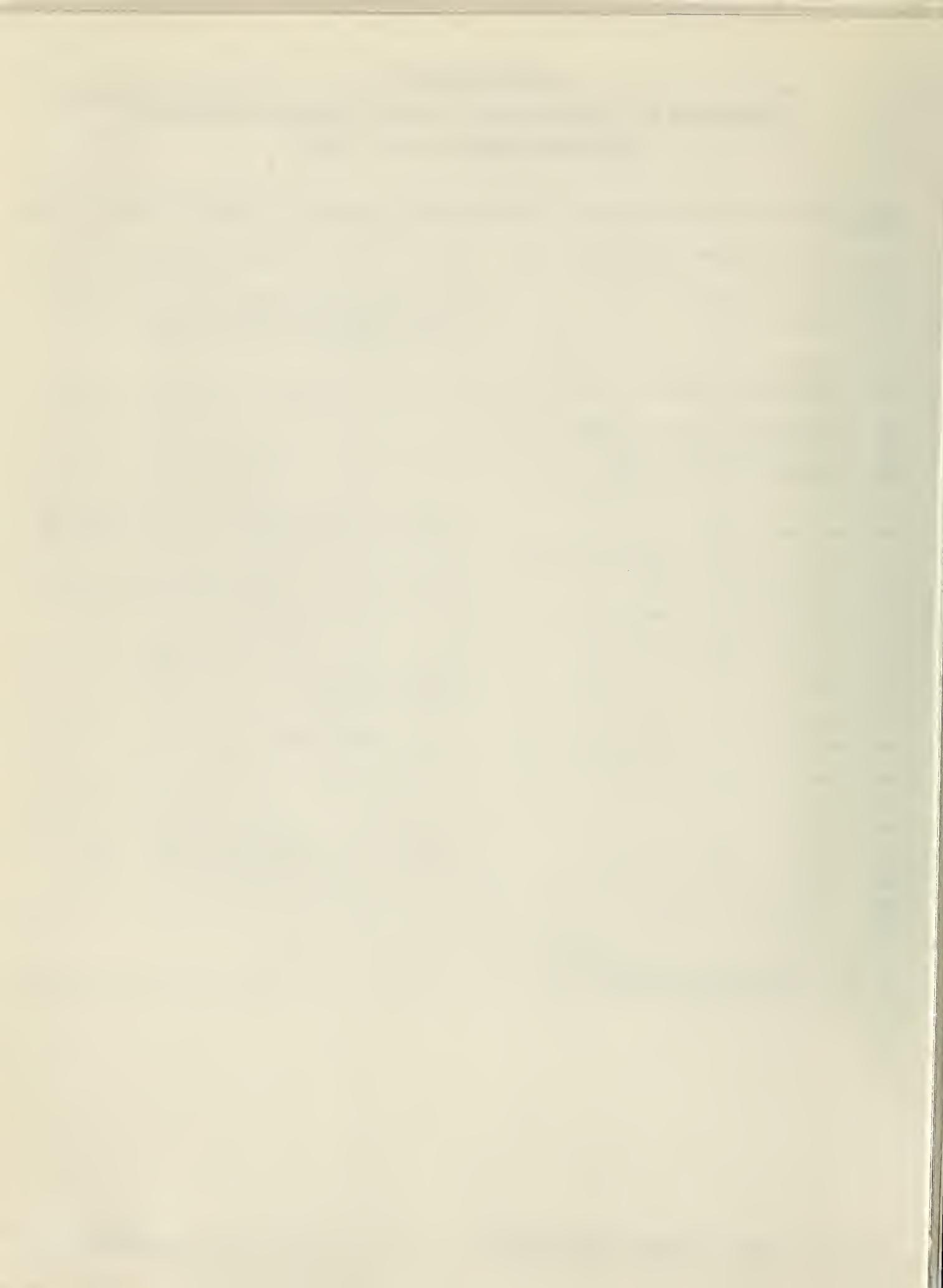
²Excluding electrical communications equipment now in SIC 5065 and electrical measuring and testing equipment now in SIC 5084.

³Electrical communications equipment part only, now in SIC 5065.

⁴Electrical measuring and testing equipment part only, now in SIC 5084.

⁵General merchandise, durable part only, now in SIC 5099.

⁶All of SIC 5199 except durable goods general merchandise wholesalers. In 1972, all general merchandise wholesalers were in SIC 5199, for 1987 general merchandise wholesalers selling primarily durable goods were moved to SIC 5099.



PUBLICATION PROGRAM

1987 CENSUS OF WHOLESALE TRADE

Publications of the 1987 Census of Wholesale Trade, containing data on wholesale trade establishments with payroll in the United States, are described below. Publications order forms for the specific reports may be obtained from any Department of Commerce district office or from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, DC 20233. The first results were issued in press releases. Final detailed statistics are issued in separate paperbound reports.

Final Reports

Geographic area series—52 reports (WC87-A-1 to -52)

A separate paperbound report is being published for each State, the District of Columbia, and the United States. Each report presents general statistics on number of establishments, sales, payroll, employment, operating expenses, and inventories for all establishments with payroll. At the State level, data also are presented separately for the following types of wholesale operation: merchant wholesalers; manufacturers' sales branches and offices; and agents, brokers, and commission merchants. Less type-of-operation detail is shown below the State level. For States, MSA's, and counties and places with 200 wholesale establishments or more, statistics are presented by kind of business. Greater kind-of-business detail is shown for larger areas. In addition, data are shown for all places with 2,500 inhabitants or more and all counties (with no kind-of-business detail). For each State, the District of Columbia, and the United States, 1982 data are provided on sales and employees per establishment, sales and payroll per employee, payroll as a percent of operating expenses, and operating expenses and end-of-year inventories as percentages of sales. Comparative statistics showing percent changes in sales and payroll between 1982 and 1987 also are shown by kind of business.

Subject series—4 reports (WC87-S-1 to 4)

The first report (WC87-S-1) presents data based on size of establishment, size of company or firm (firm size is based on all establishments operated by a firm within the same kind of business or kind-of-business group for which data are presented), and legal form of organization. Establishment statistics are presented by sales size and by employment size; statistics for firms, by sales size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits). Statistics are presented by kind of business on the number of establishments, sales, payroll, and employment for the United States.

A report (WC87-S-2) on measures of value produced, capital expenditures, depreciable assets, and operating expenses presents data for the United States by major kinds of business. Data also are provided on sales, purchases, and beginning and ending inventories. Measures of value produced include gross margin,

value added, and net income produced at market prices and factor costs. Operating expenses include annual payroll, supplemental labor costs, purchased services, etc.

The commodity line sales report (WC87-S-3) presents data on major categories of commodities sold by wholesale kinds of business for the United States. Data for 15 selected MSA's and 15 selected States will be issued on microfiche only. Tables present data for each kind of business and show, for each commodity line, the number of establishments handling the line and their sales of the line; the percentage of total sales of the kind of business accounted for by each of the lines carried; and, for establishments actually handling a specific line, the percentage of their total sales represented by sales of that line. Summary statistics also are provided for the broad commodity line categories, including counts of establishments and the amount and percent of the line sold by various kinds of wholesale businesses.

A miscellaneous subjects report (WC87-S-4) contains data by kind of business on employment by principal activity, sales by class of customer, inventory valuation methods, commissions and gross selling value of business conducted for others by agents and brokers, and on petroleum bulk stations and terminals. Data are presented for the United States as a whole and, for petroleum bulk stations and terminals, for States and counties.

Microfiche

Every final published report in the 1987 Census of Wholesale Trade will be available on microfiche.

Public-Use Computer Tapes and Compact Discs

Selected data also are available on public-use computer tapes and compact discs-read only memory (CD-ROM). For the selected data, these tapes and discs will provide the same information found in the final reports as well as additional information not published in the final reports, such as commodity line sales data for States (WC87-S-3). Computerized data products are available for users who wish to summarize, rearrange, or process large amounts of data. These products, with corresponding technical documentation, are sold by Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, DC 20233.

OTHER ECONOMIC CENSUSES REPORTS

Data on retail trade, service industries, construction industries, manufactures, mineral industries, transportation, enterprise statistics, minority-owned business enterprises, and women-owned businesses also are available from the 1987 Economic Censuses. A separate series of reports covers the censuses of outlying areas—Puerto Rico, Virgin Islands of the United States, Guam, and the Northern Marianas. Separate announcements describing these reports are available free of charge from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, DC 20233.



5 0673 01048571 5